	Author	Title	Journal	Year	doi	Produkt	URL
1	T. Guastafierro, A. Catizone, R. Calabrese, M. Zampieri, O. Martella, M. G. Bacalini, A. Reale, M. D. Girolamo, M. Miccheli, D. Farrar, E. Klenova, F. Ciccarone and P. Caiafa	ADP-ribose polymer depletion leads to nuclear Ctcf re-localization and chromatin rearrangement1	Biochemical Journal	2015	10.1007/s13277-015-3443-x	µ-Dish 35 mm	http://dx.doi.org/10.1007/s13277-015-3443-x
2	D. Bargieri, N. Andenmatten, V. Lagal, S. Thiberge, J. Whitelaw, I. Tardieux, M. Meissner and R. Ménard	Apical membrane antigen 1 mediates apicomplexan parasite attachment but is dispensable for host cell invasion	Nature communications	2015	10.1091/mbc.E14-10-1444	µ-Dish 35 mm	http://www.molbiolcell.org/content/26/14/2712.full.pdf+html
3	A. Hamacher-Brady, H. A. Stein, S. Turschner, I. Toegel, R. Mora, N. Jennewein, T. Efferth, R. Eils and N. R. Brady	Artesunate Activates Mitochondrial Apoptosis in Breast Cancer Cells via Iron-catalyzed Lysosomal Reactive Oxygen Species Production	J. Biol. Chem.	2015	10.1093/brain/awv056	µ-Dish 35 mm	http://brain.oxfordjournals.org/content/early/2015/04/04/brain.awv056#sec-1
4	S. Gonzalvo-Feo, A. Del Prete, M. Pruenster, V. Salvi, L. Wang, M. Sironi, S. Bierschenk, M. Sperandio, A. Vecchi and S. Sozzani	Endothelial Cell–Derived Chemerin Promotes Dendritic Cell Transmigration	The Journal of Immunology	2015	10.3389/fnsys.2015.00063	µ-Dish 35 mm	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4403293/pdf/fnsys-09-00063.pdf
5	N. Gargam, L. Darrasse, J. Raynaud, J. Ginefri, P. Robert and M. Poirier-Quinot	Experimental system to detect a labeled cell monolayer in a microfluidic environment	Journal of Magnetic Resonance Imaging	2015	10.4049/jimmunol.1401492	µ-Dish 35 mm	http://www.jimmunol.org/content/194/6/2871.abstract
6	J. Collison, L. Carlin, M. Eichmann, F. Geissmann and M. Peakman	Heterogeneity in the Locomotory Behavior of Human Monocyte Subsets over Human Vascular Endothelium In Vitro	The Journal of Immunology	2015	10.1126/science.aaa3380	µ-Dish 35 mm	http://www.sciencemag.org/content/347/6228/1367.short
7	Q. Doan-Xuan, A. Sarvari, P. Fischer-Posovszky, M. Wabitsch, Z. Balajthy, L. Fesus and Z. Bacso	High content analysis of differentiation and cell death in human adipocytes	Cytometry Part A	2015	10.1371/journal.pone.0124052	µ-Dish 35 mm	http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0124052&representation=PDF
8	B. Garfinkel, N. Melamed-Book, E. Anuka, M. Bustin and J. Orly	HP1BP3 is a novel histone H1 related protein with essential roles in viability and growth	Nucleic Acids Research	2015	10.1016/j.jaci.2014.07.055	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0091674914011099
9	K. Hadas, V. Randriamboavonjy, A. Elgheznawy, A. Mann and I. Fleming	Methylglyoxal Induces Platelet Hyperaggregation and Reduces Thrombus Stability by Activating PKC and Inhibiting PI3K/Akt Pathway	PLoS ONE	2015	10.1016/bs.mie.2014.11.033	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0076687914000986

10	H. Bruckner	Mikro-Slides eine Art der Kultur-Revolution.	Laborpraxis	2015	10.1371/journal.pone.0125960	µ-Dish 35 mm	http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0125960&representation=PDF
11	C. F. Cowell, H. Doppler, I. K. Yan, A. Hausser, Y. Umezawa and P. Storz	Mitochondrial diacylglycerol initiates protein-kinase-D1-mediated ROS signaling	J Cell Sci	2015	10.1038/ncomms10091	µ-Dish 35 mm	http://dx.doi.org/10.1038/ncomms10091
12	S. Chiu, S. Huang, S. Chang, S. Chen, C. Chen, T. Lin, H. Liu, T. Tsai, S. Lee and C. Pang	Potential Therapeutic Roles of Tanshinone IIA in Human Bladder Cancer Cells	International journal of molecular sciences	2015	10.1126/sciadv.1500615	µ-Dish 35 mm	http://advances.sciencemag.org/advances/1/11/e1500615.full.pdf
13	P. Haro-González, W. Ramsay, L. Maestro, B. del Rosal, K. Santacruz-Gomez, F. Sanz-Rodríguez, J. Chooi, P. Sevilla, M. Bettinelli and D. Choudhury	Quantum Dot-Based Thermal Spectroscopy and Imaging of Optically Trapped Microspheres and Single Cells	Small	2015	10.1016/j.jconrel.2015.12.017	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0168365915302698
14	J. A. Harrigan, R. Belotserkovskaya, J. Coates, D. S. Dimitrova, S. E. Polo, C. R. Bradshaw, P. Fraser and S. P. Jackson	Replication stress induces 53BP1-containing OPT domains in G1 cells	J. Cell Biol.	2015	10.3109/09553002.2015.1001532	µ-Dish 35 mm	http://informahealthcare.com/doi/abs/10.3109/09553002.2015.1001532
15	A. Gross, J. Schöndube, S. Niekrawitz, W. Streule, L. Riegger, R. Zengerle and P. Koltay	Single-Cell Printer Automated, On Demand, and Label Free	Journal of laboratory automation	2015	10.1002/cm.21221	µ-Dish 35 mm	http://dx.doi.org/10.1002/cm.21221
16	C. Bruhn, Z. Zhou, H. Ai and Z. Wang	The Essential Function of the MRN Complex in the Resolution of Endogenous Replication Intermediates	Cell Reports	2015	10.1002/adhm.201400670	µ-Dish 35 mm	http://dx.doi.org/10.1002/adhm.201400670
17	C. Colombo, E. Minna, M. Rizzetti, P. Romeo, D. Lecis, L. Persani, P. Mondellini, M. Pierotti, A. Greco and L. Fugazzola	The modifier role of RET-G691S polymorphism in hereditary medullary thyroid carcinoma: functional characterization and expression/penetrance studies	Orphanet journal of rare diseases	2015	10.1016/j.scr.2015.04.007	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S1873506115000495
18	P. Collin, O. Nashchekina, R. Walker and J. Pines	The spindle assembly checkpoint works like a rheostat rather than a toggle switch	Nature cell biology	2015	10.1016/j.neurobiolaging.2015.11.028	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0197458015006016

19	N. Casares, F. Rudilla, L. Arribillaga, D. Llopiz, J. I. Riezu-Boj, T. Lozano, J. Lopez-Sagaseta, L. Guembe, P. Sarobe, J. Prieto, F. Borras-Cuesta and J. J. Lasarte	A Peptide Inhibitor of FOXP3 Impairs Regulatory T Cell Activity and Improves Vaccine Efficacy in Mice	The Journal of Immunology	2015	10.1038/ncomms9882	µ-Dish 35 mm glass bottom	http://www.nature.com/ncomms/2015/151119/ncomms9882/full/ncomms9882.html
20	A. Heit, F. Schmitz, T. Haas, D. H. Busch and H. Wagner	Antigen co-encapsulated with adjuvants efficiently drive protective T cell immunity	European Journal of Immunology	2015	10.1016/j.bbrc.2015.04.041	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0006291X15007196
21	Emily M. Hatch, Andrew H. Fischer, Thomas J. Deerinck and Martin W. Hetzer	Catastrophic Nuclear Envelope Collapse in Cancer Cell Micronuclei	Cell	2015	10.1038/cddis.2015.51	µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1038/cddis.2015.51
22	J. Helma, K. Schmidthals, V. Lux, S. Nüske, A. M. Scholz, H. G. Kräusslich, U. Rothbauer and H. Leonhardt	Direct and Dynamic Detection of HIV-1 in Living Cells	PLoS ONE	2015	10.1002/cbin.10472	µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1002/cbin.10472
23	Y. Hatanaka and K. Yamauchi	Excitatory Cortical Neurons with Multipolar Shape Establish Neuronal Polarity by Forming a Tangentially Oriented Axon in the Intermediate Zone	Cereb Cortex	2015	10.1038/bjc.2015.135	µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1038/bjc.2015.135
24	V. Gaspar, E. Costa, J. Queiroz, C. Pichon, F. Sousa and I. Correia	Folate-Targeted Multifunctional Amino Acid-Chitosan Nanoparticles for Improved Cancer Therapy	Pharmaceutical Research	2015	10.1115/1.4031466	µ-Dish 35 mm glass bottom	http://nanoengineeringmedical.asmedigitalcollection.asme.org/article.aspx?articleid=2432580
25	M. Behnen, C. Leschczyk, S. Möller, T. Batel, M. Klinger, W. Solbach and T. Laskay	Immobilized Immune Complexes Induce Neutrophil Extracellular Trap Release by Human Neutrophil Granulocytes via FcgammaRIIIB and Mac-1	The Journal of Immunology	2015	10.1016/j.freeradbiomed.2014.11.019	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0891584914013914
26	A. L. Henche, A. Koerdt, A. Ghosh and S. V. Albers	Influence of cell surface structures on crenarchaeal biofilm formation using a thermostable green fluorescent protein	Environmental microbiology	2015	10.1039/c4tb00239c	µ-Dish 35 mm glass bottom	http://www.researchgate.net/profile/Mohammad_Al_Kobaisi/publication/264600041_Nanotopography_as_a_trigger_for_the_microscale_autogenous_and_passive_lysis_of_erythrocytes/links/547cda280cf2cfe203c1fdcd.pdf
27	B. Hausott, A. Rietzler, N. Vallant, M. Auer, I. Haller, S. Perkhofer and L. Klimaschewski	Inhibition of fibroblast growth factor receptor 1 endocytosis promotes axonal branching of adult sensory neurons	Neuroscience	2015	10.1016/j.bbadis.2015.03.006	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0925443915000708

28	D. Andreu Martínez, J. Freire, A. Veiga, T. Conceiçao, W. Kowalczyk, R. Mohana-Borges, N. Santos, A. Da Poian and M. Castanho	Intracellular nucleic acid delivery by the supercharged dengue virus capsid protein	PLoS ONE	2015	10.1080/15384101.2014.1000693	µ-Dish 35 mm glass bottom	http://www.tandfonline.com/doi/abs/10.1080/15384101.2014.1000693
29	B. Hausott, N. Vallant, M. Hochfilzer, S. Mangger, R. Irschick, E. M. Haugsten and L. Klimaschewski	Leupeptin enhances cell surface localization of fibroblast growth factor receptor 1 in adult sensory neurons by increased recycling	European Journal of Cell Biology	2015	10.1016/j.dyepig.2014.11.014	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S014372081400446X
30	F. Flamein, L. Riffault, C. Muselet-Charlier, J. Pernelle, D. Feldmann, L. Jonard, A.-M. Durand-Schneider, A. Coulomb, M. Maurice, L. M. Nogee, N. Inagaki, S. Amselem, J. C. Dubus, V. Rigourd, F. Bremont, C. Marguet, J. Brouard, J. de Blic, A. Clement, R. Epaud and L. Guillot	Molecular and cellular characteristics of ABCA3 mutations associated with diffuse parenchymal lung diseases in children	Hum. Mol. Genet.	2015	10.3732/ajb.1500199	µ-Dish 35 mm glass bottom	http://www.amjbot.org/content/early/2015/09/01/ajb.1500199.abstract
31	S. Hegge, S. Munter, M. Steinbuchel, K. Heiss, U. Engel, K. Matuschewski and F. Frischknecht	Multistep adhesion of Plasmodium sporozoites	FASEB J	2015	10.1117/12.2078664	µ-Dish 35 mm glass bottom	http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2196652
32	B. Heit, S. M. Robbins, C. M. Downey, Z. Guan, P. Colarusso, B. J. Miller, F. R. Jirik and P. Kubes	PTEN functions to'prioritize'chemotactic cues and prevent'distraction'in migrating neutrophils	Nature Immunology	2015	10.1016/j.colsurfb.2015.01.041	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0927776515000570
33	D. Hayley, O. Emmanuel, A. Muhammad, P. H. Lee, N. C. David, S. Robert and V. T. Alexei	Saltatory formation, sliding and dissolution of ER-PM junctions in migrating cancer cells	Biochemical Journal	2015	10.1007/s11051-015-2875-y	µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1007/s11051-015-2875-y
34	J. Behrens, P. Kameritsch, S. Wallner, U. Pohl and K. Pogoda	The carboxyl tail of Cx43 augments p38 mediated cell migration in a gap junction-independent manner	European Journal of Cell Biology	2015	10.1002/glia.22767	µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1002/glia.22767
35	I. Hepper, J. Schymeinsky, L. T. Weckbach, S. M. Jakob, D. Frommhold, M. Sixt, M. Laschinger, M. Sperandio and B. Walzog	The Mammalian Actin-Binding Protein 1 Is Critical for Spreading and Intraluminal Crawling of Neutrophils under Flow Conditions	The Journal of Immunology	2015	10.1016/j.bbamcr.2015.04.002	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0167488915001214

36	Y. Hatano, K. Nakahama, M. Isobe and I. Morita	Tumor associated osteoclast-like giant cells promote tumor growth and lymphangiogenesis by secreting vascular endothelial growth factor-C	Biochemical and Biophysical Research Communications	2015	10.1007/s10495-015-1123-3	µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1007/s10495-015-1123-3
37	P. Hernandez-Varas, G. P. Colo, R. A. Bartolome, A. Paterson, I. Medrano-Fernandez, N. Arellano-Sanchez, C. Cabanas, P. Sanchez-Mateos, E. M. Lafuente, V. A. Boussiotis, S. Stromblad and J. Teixido	Rap1-GTP-interacting Adaptor Molecule (RIAM) Protein Controls Invasion and Growth of Melanoma Cells	J. Biol. Chem. %R 10.1074/jbc.M109.013185	2015	10.1016/j.yexcr.2014.10.024	µ-Dish 35 mm glass bottom, Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0014482714004911
38	F. Gebauer, D. Wicklein, K. Stübke, N. Nehmann, A. Schmidt, J. Salamon, K. Peldschus, M. F. Nentwich, G. Adam and G. Tolstonog	Selectin binding is essential for peritoneal carcinomatosis in a xenograft model of human pancreatic adenocarcinoma in pfpâˆ'â^'/rag2â^'â^' mice	Gut	2015	28 January 2015	µ-Dish 35 mm glass bottom, Culture-Insert	http://www.biosignaling.com/content/13/1/2/abstract
39	M. Chimen, H. McGettrick, B. Apta, S. Kuravi, C. Yates, A. Kennedy, A. Odedra, M. Alassiri, M. Harrison and A. Martin	Homeostatic regulation of T cell trafficking by a B cell-derived peptide is impaired in autoimmune and chronic inflammatory disease	Nat Med	2015	10.7554/eLife.11066	µ-Dish 35 mm glass bottom,Grid-500	http://elifesciences.org/content/elife/4/e11066.full.pdf
40	J. R. Higginson, S. M. Thompson, A. Santos-Silva, S. E. Guimond, J. E. Turnbull and S. C. Barnett	Differential sulfation remodelling of heparan sulfate by extracellular 6-o-sulfatases regulates fibroblast growth factor-induced boundary formation by glial cells: Implications for glial cell transplantation	The Journal of Neuroscience	2015	10.1093/nar/gkv088	µ-Dish 35 mm high	http://nar.oxfordjournals.org/content/early/2015/02/07/nar.gkv088.abstract
41	P. Hilkens, Y. Fanton, W. Martens, P. Gervois, T. Struys, C. Politis, I. Lambrichts and A. Bronckaers	Pro-angiogenic impact of dental stem cells in vitro and in vivo	Stem Cell Research	2015	10.1007/s10616-015-9869-6	µ-Dish 35 mm high	http://dx.doi.org/10.1007/s10616-015-9869-6
42	M. Hiramitsu, Y. Shimada, J. Kuroyanagi, T. Inoue, T. Katagiri, L. Zang, Y. Nishimura, N. Nishimura and T. Tanaka	Eriocitrin ameliorates diet-induced hepatic steatosis with activation of mitochondrial biogenesis	Scientific reports	2015	10.1016/j.ajpath.2014.09.013	µ-Dish 35 mm high, Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0002944014005604

43	H. Hintzsche, T. Riese and H. Stopper	Hyperthermia-induced micronucleus formation in a human keratinocyte cell line	Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis	2015	10.1038/ncomms9899	µ-Dish 35 mm high, Culture-Insert	http://www.nature.com/ncomms/2015/151119/ncomms9899/pdf/ncomms9899.pdf
44	H. Hintzsche, C. Jastrow, T. Kleine-Ostmann, H. Stopper, E. Schmid and T. Schrader	Terahertz Radiation Induces Spindle Disturbances in Human-Hamster Hybrid Cells	Radiation Research	2015	13 January 2015	µ-Dish 35 mm high, Culture-Insert	http://breast-cancer-research.com/content/17/1/5/abstract
45	M. Gebinoga, J. Katzmann, U. Fernekorn, J. Hampl, F. Weise, M. Klett, A. Läffert, T. A. Klar and A. Schober	Multiphoton structuring of native polymers: A case study for structuring natural proteins	Engineering in Life Sciences	2015	10.1038/onc.2015.135	µ-Dish 35 mm high, grid-500	http://dx.doi.org/10.1038/onc.2015.135
46	M. B. Hochrein, C. Reich, B. Krause, J. O. Rädler and B. Nickel	Structure and Mobility of Lipid Membranes on a Thermoplastic Substrate	Langmuir	2015	10.1002/ppap.201400134	µ-Dish 35 mm low, Culture-Insert	http://dx.doi.org/10.1002/ppap.201400134
47	J. Hoffmann, R. Fickentscher and M. Weiss	Influence of organelle geometry on the apparent binding kinetics of peripheral membrane proteins	Physical Review E	2015	10.1016/j.biomaterials.2014.12.022	µ-Dish 35 mm, Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0142961214012721
48	S. Hofmann, R. Frank, E. Hey-Hawkins, A. Beck-Sickinger and P. Schmidt	Manipulating Y receptor subtype activation of short neuropeptide Y analogs by introducing carbaboranes	Neuropeptides	2015	10.1111/bjd.13816	µ-Dish 35 mm, Culture-Insert	http://dx.doi.org/10.1111/bjd.13816
49	J. Hofmann, J. Tegha-Dunghu, S. Dräger, C. Will, R. Lührmann and O. Gruss	The Prp19 Complex Directly Functions in Mitotic Spindle Assembly	PLoS ONE	2015	10.1039/C5NR00114E	µ-Dish 35 mm, Culture-Insert	http://dx.doi.org/10.1039/C5NR00114E
50	G. Högnäs, S. Tuomi, S. Veltel, E. Mattila, A. Murumägi, H. Edgren, O. Kallioniemi and J. Ivaska	Cytokinesis failure due to derailed integrin traffic induces aneuploidy and oncogenic transformation in vitro and in vivo	Oncogene	2015	10.1117/12.2080151	µ-Dish 35 mm, DIC Lid	http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2194748
51	Y. Deng, G. Winter and J. Myschik	Preparation and validation of a skin model for the evaluation of intradermal powder injection devices	European Journal of Pharmaceutics and Biopharmaceutics	2015	10.1038/srep10048	µ-Dish 35 mm, DIC Lid	http://dx.doi.org/10.1038/srep10048

52	O. Dolnik, L. Kolesnikova, S. Welsch, T. Strecker, G. Schudt and S. Becker	Interaction with Tsg101 Is Necessary for the Efficient Transport and Release of Nucleocapsids in Marburg Virus-Infected Cells	PLoS pathogens	2015	10.1021/acsami.5b04734	µ-Dish 50 mm	http://dx.doi.org/10.1021/acsami.5b04734
53	J. Doerner, M. Delling and D. Clapham	Ion channels and calcium signaling in motile cilia	eLife	2015	10.1016/j.colsurfb.2015.06.024	µ-Dish 50 mm	http://www.sciencedirect.com/science/article/pii/S0927776515003975
54	A. Doi, I. H. Park, B. Wen, P. Murakami, M. J. Aryee, R. Irizarry, B. Herb, C. Ladd- Acosta, J. Rho and S. Loewer	Differential methylation of tissue- and cancer-specific CpG island shores distinguishes human induced pluripotent stem cells, embryonic stem cells and fibroblasts	Nat Genet	2015	10.1371/journal.ppat.1004859	µ-Plate 24 well	http://www.plospathogens.org/article/fetchObject.action?uri=info:doi/10.1371/journal.ppat.1004859&representation=PDF
55	E. Horn	Konkurrenz für Deckglas & Co. - Neue Methoden der Kombination von Zellkultur und Mikroskopie	MIKROKOSMOS	2015	10.1128/aac.04212-14	µ-Plate 24 well	http://aac.asm.org/content/early/2015/01/27/AAC.04212-14.abstract
56	J. M. W. Hooper, D. J. F. Stuijver, S. M. Orme, B. van Zaane, K. Hess, V. E. Gerdes, F. Phoenix, P. Rice, K. A. Smith and S. H. Alzahrani	Thyroid dysfunction and fibrin network structure: a mechanism for increased thrombotic risk in hyperthyroid individuals	Journal of Clinical Endocrinology & Metabolism	2015	10.1371/journal.pone.0120283	µ-Plate 24 well	http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0120283&representation=PDF
57	M. Hornburger, B. Mayer, S. Leonhard, E. Willer, S. Zahler, A. Beyerle, K. Rajalingam, A. Vollmar and R. Fürst	A novel role for inhibitor of apoptosis (IAP) proteins as regulators of endothelial barrier function by mediating RhoA activation	The FASEB Journal	2015	10.1021/np500856u	µ-Plate 96 well	http://dx.doi.org/10.1021/np500856u
58	D. Asanuma, M. Sakabe, M. Kamiya, K. Yamamoto, J. Hiratake, M. Ogawa, N. Kosaka, P. Choyke, T. Nagano, H. Kobayashi and Y. Urano	Sensitive beta-galactosidase-targeting fluorescence probe for visualizing small peritoneal metastatic tumours in vivo	Nat Commun	2015	10.1002/stem.2050	µ-Plate 96 well, µ-Slide VI 0.4	http://dx.doi.org/10.1002/stem.2050
59	B. Fejerskov, N. Jensen, B. Teo, B. Städler and A. Zelikin	Biocatalytic Polymer Coatings: On-Demand Drug Synthesis and Localized Therapeutic Effect under Dynamic Cell Culture Conditions	Small	2015	10.1371/journal.pone.0126111	µ-Plate Angiogenesis 96 well	http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0126111&representation=PDF
60	A. R. Howard and B. Moss	Formation of Orthopoxvirus Cytoplasmic A-Type Inclusion Bodies and Embedding of Virions Are Dynamic Processes Requiring Microtubules	Journal of Virology	2015	10.1117/12.2077608	µ-Slide 18 well flat	http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2195952

61	Y. Hsu, C. Chang, N. Yang, Y. Lee and S. Juan	RhoA-Mediated Inhibition of Vascular Endothelial Cell Mobility: Positive Feedback Through Reduced Cytosolic p21 and p27	Journal of Cellular Physiology	2015	10.1016/j.bbrc.2015.03.163	µ-Slide 2 well	http://www.sciencedirect.com/science/article/pii/S0006291X15006312
62	V. J. Burton, L. I. Ciuclan, A. M. Holmes, D. M. Rodman, C. Walker and D. C. Budd	Bone morphogenetic protein receptor-II regulates pulmonary artery endothelial cell barrier function: relevance to heritable pulmonary arterial hypertension	Thorax	2015	10.1016/j.bpj.2014.10.071	µ-Slide 2 well, µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0006349514011990
63	Y. Huang and D. R. Benson	Growth and development of Frankia spp. strain CcI3 at the single-hypha level in liquid culture	Archives of microbiology	2015	10.1128/aem.00088-15	µ-Slide 4 well	http://aem.asm.org/content/early/2015/03/02/AEM.00088-15.abstract
64	Y. Huang, F. Clarke, M. Karimi, N. Roy, E. Williamson, M. Okumura, K. Mochizuki, E. Chen, T. Park, G. Debes, Y. Zhang, T. Curran, T. Kambayashi and J. Burkhardt	CRK proteins selectively regulate T cell migration into inflamed tissues	The Journal of Clinical Investigation	2015	10.1088/0957-4484/26/13/135102	µ-Slide 4 well glass bottom	http://stacks.iop.org/0957-4484/26/i=13/a=135102
65	M. Kauert, P. C. Stoller, M. Frenz and J. Ricka	Absolute measurement of molecular two-photon absorption cross-sections using a fluorescence saturation technique	Optics Express	2015	10.1128/iai.00033-15	µ-Slide 8 well	http://iai.asm.org/content/early/2015/04/14/IAI.00033-15.abstract
66	E. Chin, K. Kirker, M. Zuck, G. James and K. Hybiske	Actin Recruitment to the Chlamydia Inclusion Is Spatiotemporally Regulated by a Mechanism That Requires Host and Bacterial Factors	PLoS ONE	2015	10.1038/ncomms7168	µ-Slide 8 well	http://dx.doi.org/10.1038/ncomms7168
67	B. Jackson, I. Ivanova and L. Dagnino	An ELMO2-RhoG-ILK network modulates microtubule dynamics	Molecular Biology of the Cell	2015	10.1074/jbc.M114.621706	µ-Slide 8 well	http://www.jbc.org/content/early/2015/04/15/jbc.M114.621706.abstract
68	M. Kawahara, A. Hitomi and T. Nagamune	Antigen-responsive regulation of cell motility and migration via the signalobodies based on c-Fms and c-Mpl	Biotechnology Progress	2015	10.1016/j.dci.2014.12.014	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0145305X14003231
69	C. Kataoka, Y. Kaname, S. Taguwa, T. Abe, T. Fukuhara, H. Tani, K. Moriishi and Y. Matsuura	Baculovirus GP64-Mediated Entry into Mammalian Cells	J. Virol.	2015	10.1242/bio.012831	µ-Slide 8 well	http://bio.biologists.org/biolopen/early/2015/11/16/bio.012831.full.pdf
70	N. Blow	Cell migration: our protruding knowledge	Nature Methods	2015	10.1038/onc.2015.376	µ-Slide 8 well	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2015376a.html

71	A. Brödel, A. Sonnabend and S. Kubick	Cell-free protein expression based on extracts from CHO cells	Biotechnology and Bioengineering	2015	10.1021/acs.bioconjchem.5b00059	µ-Slide 8 well	http://dx.doi.org/10.1021/acs.bioconjchem.5b00059
72	D. Koehler, V. Zakhartchenko, L. Froenicke, G. Stone, R. Stanyon, E. Wolf and T. Cremer	Changes of higher order chromatin arrangements during major genome activation in bovine preimplantation embryos	Experimental Cell Research	2015	10.1016/j.bbi.2015.02.022	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0889159115000641
73	T. I. S. C. Initiative	Characterization of human embryonic stem cell lines by the International Stem Cell Initiative	Nature Biotechnology	2015	10.1002/mnfr.201400639	µ-Slide 8 well	http://dx.doi.org/10.1002/mnfr.201400639
74	J. Beck and F. Ebel	Characterization of the major Woronin body protein HexA of the human pathogenic mold Aspergillus fumigatus	International Journal of Medical Microbiology	2015	10.1038/ncomms9987	µ-Slide 8 well	http://dx.doi.org/10.1038/ncomms9987
75	T. Kiyoshima, H. Yoshida, H. Wada, K. Nagata, H. Fujiwara, M. Kihara, K. Hasegawa, H. Someya and H. Sakai	Chemoresistance to Concanamycin A1 in Human Oral Squamous Cell Carcinoma Is Attenuated by an HDAC Inhibitor Partly via Suppression of Bcl-2 Expression	PloS one	2015	10.1016/j.actbio.2015.02.030	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1742706115001130
76	C. Jones, D. Newsom, B. Kelly, Y. Irie, L. Jennings, B. Xu, D. Limoli, J. Harrison, M. Parsek and P. White	ChIP-Seq and RNA-Seq Reveal an AmrZ-Mediated Mechanism for Cyclic di-GMP Synthesis and Biofilm Development by Pseudomonas aeruginosa	PLoS Pathogens	2015	10.1016/ijpharm.2014.11.016	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0378517314008199
77	J. Jackman, R. Saravanan, Y. Zhang, S. Tabaei and N. Cho	Correlation between Membrane Partitioning and Functional Activity in a Single Lipid Vesicle Assay Establishes Design Guidelines for Antiviral Peptides	Small	2015	10.1002/smll.201400698	µ-Slide 8 well	http://dx.doi.org/10.1002/smll.201400698
78	S. Kim, M. Torimura and H. Tao	Creation of Artificial Luciferases for Bioassays	Bioconjugate chemistry	2015	10.4049/jimmunol.1402755	µ-Slide 8 well	http://www.jimmunol.org/content/early/2015/03/14/jimmunol.1402755.abstract
79	T. Frömel, K. Kohlstedt, R. Popp, X. Yin, K. Awwad, E. Barbosa-Sicard, A. C. Thomas, R. Lieberz, M. Mayr and I. Fleming	Cytochrome P4502S1: a novel monocyte/macrophage fatty acid epoxygenase in human atherosclerotic plaques	Basic research in cardiology	2015	10.1016/j.dadm.2015.11.004	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S2352872915000883
80	S. Becker and J. von Einem	Detection of Protein Interactions During Virus Infection by Bimolecular Fluorescence Complementation	Virus-Host Interactions	2015	10.1186/s13104-015-1686-7	µ-Slide 8 well	http://www.biomedcentral.com/content/pdf/s13104-015-1686-7.pdf

81	P. A. Beare, S. D. Gilk, C. L. Larson, J. Hill, C. M. Stead, A. Omsland, D. C. Cockrell, D. Howe, D. E. Voth and R. A. Heinzen	Dot/Icm Type IVB Secretion System Requirements for Coxiella burnetii Growth in Human Macrophages	mBio	2015	10.1039/C4BM00401A	µ-Slide 8 well	http://pubs.rsc.org/en/content/articlehtml/2015/bm/c4bm00401a
82	T. Kimura, S. Endo, M. Inui, S. Saitoh, K. Miyake and T. Takai	Endoplasmic Protein Nogo-B (RTN4-B) Interacts with GRAMD4 and Regulates TLR9-Mediated Innate Immune Responses	The Journal of Immunology	2015	10.1093/nar/gku1371	µ-Slide 8 well	http://nar.oxfordjournals.org/content/early/2015/01/10/nar.gku1371.abstract
83	T. Kirsch, A. Woywodt, J. Klose, K. Wyss, M. Beese, U. Erdbruegger, M. Grossheim, H. Haller and M. Haubitz	Endothelial-derived thrombospondin-1 promotes macrophage recruitment and apoptotic cell clearance	Journal of Cellular and Molecular Medicine	2015	10.1002/bip.22610	µ-Slide 8 well	http://dx.doi.org/10.1002/bip.22610
84	M. Garcia-Munoz, V. Lopez-Huerta, L. Carrillo-Reid and G. Arbuthnott	Extrasynaptic glutamate NMDA receptors: Key players in striatal function	Neuropharmacology	2015	10.1016/j.celrep.2014.12.031	µ-Slide 8 well	http://ac.els-cdn.com/S2211124714010602/1-s2.0-S2211124714010602-main.pdf?_tid=5cfed9d2-2546-11e5-a378-00000aab0f26&acdnat=1436342164_957909529f923d141940335b09c629e0
85	C. Jüngst, M. J. Winterhalder and A. Zumbusch	Fast and long term lipid droplet tracking with CARS microscopy	Journal of Biophotonics	2015	10.1002/jbio.201400127	µ-Slide 8 well	http://dx.doi.org/10.1002/jbio.201400127
86	J. Kasper, M. I. Hermanns, C. Bantz, S. Utech, O. Koshkina, M. Maskos, C. Brochhausen, C. Pohl, S. Fuchs and R. E. Unger	Flotillin-involved uptake of silica nanoparticles and responses of an alveolar capillary barrier in vitro	European journal of pharmaceutics and biopharmaceutics : official journal of Arbeitsgemeinschaft fur Pharmazeutische Verfahrenstechnik eV	2015	10.4172/2167-0501.1000194	µ-Slide 8 well	http://www.omicsgroup.org/journals/selfsufficient-stem-cells-stem-cellderived-serotonergic-neurons-relyon-endogenous-bdnf-release-to-establish-serotonergic-networks-duringterminal-differentiation-2167-0501-1000194.pdf
87	V. L. Kolossov, M. T. Leslie, A. Chatterjee, B. M. Sheehan, P. J. A. Kenis and H. R. Gaskins	Förster resonance energy transfer-based sensor targeting endoplasmic reticulum reveals highly oxidative environment	Experimental Biology and Medicine	2015	10.1128/MCB.00715-14	µ-Slide 8 well	http://mcb.asm.org/content/early/2015/01/14/MCB.00715-14.abstract

88	A. Koltermann, J. Lieb, R. Fürst, H. Ammer, A. M. Vollmar and S. Zahler	Ginkgo biloba extract EGb® 761 exerts anti-angiogenic effects via activation of tyrosine phosphatases	J. Cell. Mol. Med.	2015	10.1074/jbc.M114.606186	µ-Slide 8 well	http://www.jbc.org/content/early/2015/01/26/jbc.M114.606186.abstract
89	A. Kehlen, T. Greither, S. Wach, E. Nolte, M. Kappler, M. Bache, H. Holzhausen, C. Lautenschläger, S. Göbel and P. Würl	High co-expression of CCL2 and CX3CL1 is gender-specifically associated with good prognosis in soft tissue sarcoma patients	International Journal of Cancer	2015	10.4049/jimmunol.1500702	µ-Slide 8 well	http://www.jimmunol.org/content/early/2015/11/21/jimmunol.1500702.abstract
90	X. Gaume, K. Monier, F. Argoul, F. Mongelard and P. Bouvet	In vivo Study of the Histone Chaperone Activity of Nucleolin by FRAP	Biochemistry Research International	2015	10.1083/jcb.201412015	µ-Slide 8 well	http://jcb.rupress.org/content/209/3/367.abstract
91	M. Koutsioumpa, C. Polytarchou, J. Courty, Y. Zhang, N. Kieffer, C. Mikelis, S. S. Skandalis, U. Hellman, D. Iliopoulos and E. Papadimitriou	Interplay between alphavbeta3Integrin and Nucleolin Regulates Human Endothelial and Glioma Cell Migration	Journal of Biological Chemistry	2015	10.1016/j.mce.2015.06.005	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0303720715003123
92	S. Kalies, L. Gentemann, G. Antonopoulos, M. Rakoski, D. Heinemann, M. Schomaker, T. Ripken and H. Meyer	Laser transfection with gold nanoparticles: current state and new particle structures as a perspective	SPIE LASE	2015	10.1093/nar/gkv307	µ-Slide 8 well	http://nar.oxfordjournals.org/content/early/2015/04/13/nar.gkv307.abstract
93	L. Karygianni, M. Follo, E. Hellwig, D. Burghardt, M. Wolkewitz, A. Anderson and A. Al-Ahmad	Microscope-Based Imaging Platform for Large-Scale Analysis of Oral Biofilms	Applied and Environmental Microbiology	2015	10.1039/C4NR06556E	µ-Slide 8 well	http://dx.doi.org/10.1039/C4NR06556E
94	L. Kastl, B. Budde, M. Isbach, C. Rommel, B. Kemper and J. Schnekenburger	Multimodal optical phenotyping of cancer cells	SPIE BiOS	2015	10.1186/s40064-015-0784-2	µ-Slide 8 well	http://link.springer.com/article/10.1186/s40064-015-0784-2#
95	G. O. Bodea and S. Blaess	Organotypic Slice Cultures of Embryonic Ventral Midbrain: A System to Study Dopaminergic Neuronal Development in vitro	Journal of Visualized Experiments	2015	10.4161/15384101.2014.977067	µ-Slide 8 well	http://dx.doi.org/10.4161/15384101.2014.977067
96	J. Jamison, J. Wang and A. Wells	PKC-delta Regulates Force Signaling during VEGF/CXCL4 Induced Dissociation of Endothelial Tubes	PLOS ONE	2015	10.1093/infdis/jiv140	µ-Slide 8 well	http://jid.oxfordjournals.org/content/early/2015/04/14/infdis.jiv140.abstract

97	M. Joner, Q. Cheng, S. Schönhofer-Merl, M. Lopez, S. Neubauer, C. Mas-Moruno, B. Laufer, F. D. Kolodgie, H. Kessler and R. Virmani	Polymer-free immobilization of a cyclic RGD peptide on a nitinol stent promotes integrin-dependent endothelial coverage of strut surfaces	Journal of Biomedical Materials Research Part B: Applied Biomaterials	2015	10.1016/j.vaccine.2014.12.072	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0264410X14017277
98	P. Chieng-Yane, A. Bocquet, R. Letienne, T. Bourbon, S. Sablayrolles, M. Perez, S. N. Hatem, A.-M. Lompre, B. Le Grand and M. David-Dufilho	Protease-Activated Receptor-1 Antagonist F 16618 Reduces Arterial Restenosis by Down-Regulation of Tumor Necrosis Factor alpha and Matrix Metalloproteinase 7 Expression, Migration, and Proliferation of Vascular Smooth Muscle Cells	The Journal of Pharmacology and Experimental Therapeutics	2015	10.1371/journal.pone.0126056	µ-Slide 8 well	http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0126056&representation=PDF
99	G. Ito, T. Kobayashi, Y. Takeda and M. Sokabe	Proteoglycan from salmon nasal cartridge promotes in vitro wound healing of fibroblast monolayers via the CD44 receptor	Biochemical and Biophysical Research Communications	2015	10.1002/eji.201445177	µ-Slide 8 well	http://dx.doi.org/10.1002/eji.201445177
100	H. S. Kim, S. L. Ullevig, D. Zamora, C. F. Lee and R. Asmis	Redox regulation of MAPK phosphatase 1 controls monocyte migration and macrophage recruitment	Proceedings of the National Academy of Sciences	2015	10.1007/s00430-015-0393-2	µ-Slide 8 well	http://dx.doi.org/10.1007/s00430-015-0393-2
101	N. C. Hübner, L. H.-C. Wang, M. Kaulich, P. Descombes, I. Poser and E. A. Nigg	Re-examination of siRNA specificity questions role of PICH and Tao1 in the spindle checkpoint and identifies Mad2 as a sensitive target for small RNAs	Chromosoma	2015	10.1371/journal.pone.0121113	µ-Slide 8 well	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0121113
102	J. Kamenz and S. Hauf	Slow Checkpoint Activation Kinetics as a Safety Device in Anaphase	Current Biology	2015	10.1084/jem.20140964	µ-Slide 8 well	http://jem.rupress.org/content/212/3/307.abstract
103	M. Buchner, C. Baer, G. Prinz, C. Dierks, M. Burger, T. Zenz, S. Stilgenbauer, H. Jumaa, H. Veelken and K. Zirlik	Spleen tyrosine kinase inhibition prevents chemokine- and integrin-mediated stromal protective effects in chronic lymphocytic leukemia	Blood	2015	10.1038/ncomms7463	µ-Slide 8 well	http://dx.doi.org/10.1038/ncomms7463

104	M. Kienitz and D. Vladimirova	Synergistic modulation of KCNQ1/KCNE1 K+ channels (IKs) by phosphatidylinositol 4,5-bisphosphate (PIP2) and [ATP]i	Cellular Signalling	2015	10.1111/jcmm.12387	µ-Slide 8 well	http://dx.doi.org/10.1111/jcmm.12387
105	J. R. A. Hutchins, Y. Toyoda, B. Hegemann, I. Poser, J. K. Heriche, M. M. Sykora, M. Augsburg, O. Hudecz, B. A. Buschhorn and J. Bulkescher	Systematic analysis of human protein complexes identifies chromosome segregation proteins	Science	2015	10.1073/pnas.1416609112	µ-Slide 8 well	http://www.pnas.org/content/112/13/E1642.abstract
106	M. Giannotta, S. Benedetti, F. Tedesco, M. Corada, M. Trani, R. D'Antuono, Q. Millet, F. Orsenigo, B. Gálvez and G. Cossu	Targeting endothelial junctional adhesion molecule-A/EPAC/Rap-1 axis as a novel strategy to increase stem cell engraftment in dystrophic muscles	EMBO Molecular Medicine	2015	10.1074/jbc.M114.611921	µ-Slide 8 well	http://www.jbc.org/content/early/2015/03/04/jbc.M114.611921.abstract
107	P. Janich, G. Pascual, A. Merlos-Suarez, E. Batlle, J. Ripperger, U. Albrecht, K. Obrietan, L. Di Croce and S. A. Benitah	The circadian molecular clock creates epidermal stem cell heterogeneity	Nature	2015	10.1111/imm.12456	µ-Slide 8 well	http://dx.doi.org/10.1111/imm.12456
108	E. Geron, S. Boura-Halfon, E. Schejter and B. Shilo	The Edges of Pancreatic Islet beta Cells Constitute Adhesive and Signaling Microdomains	Cell Reports	2015	10.1371/journal.pone.0122059	µ-Slide 8 well	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0122059
109	V. Breus, A. Pietuch, M. Tarantola, T. Basché and A. Janshoff	The effect of surface charge on nonspecific uptake and cytotoxicity of CdSe/ZnS core/shell quantum dots	Beilstein Journal of Nanotechnology	2015	10.1039/C5OB00250H	µ-Slide 8 well	http://dx.doi.org/10.1039/C5OB00250H
110	A. Koziol, P. Gonzalo, A. Mota, Ã. Pollán, C. Lorenzo, N. Colomé, D. Montaner, J. Dopazo, J. Arribas and F. Canals	The protease MT1-MMP drives a combinatorial proteolytic program in activated endothelial cells	The FASEB Journal	2015	10.1016/j.bbalip.2015.03.004	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1388198115000761
111	K. Bentley, C. Franco, A. Philippides, R. Blanco, M. Dierkes, V. Gebala, F. Stanchi, M. Jones, I. Aspalter and G. Cagna	The role of differential VE-cadherin dynamics in cell rearrangement during angiogenesis	Nature cell biology	2015	10.1038/ncomms10075	µ-Slide 8 well	http://dx.doi.org/10.1038/ncomms10075
112	A. Kimura, M. A. Rieger, J. M. Simone, W. Chen, M. C. Wickre, B.-M. Zhu, P. S. Hoppe, J. J. O'Shea, T. Schroeder and L. Hennighausen	The transcription factors STAT5A/B regulate GM-CSF-mediated granulopoiesis	Blood	2015	10.1002/biot.201400076	µ-Slide 8 well	http://dx.doi.org/10.1002/biot.201400076

113	Y. C. Kim, B. G. Kim and J. H. Lee	Thymosin betha 10 Expression Driven by the Human TERT Promoter Induces Ovarian Cancer-Specific Apoptosis through ROS Production	PLoS ONE	2015	10.1371/journal.pone.0122992	µ-Slide 8 well	http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0122992&representation=PDF
114	C. Kanthou, G. Dachs, D. Lefley, A. Steele, C. Coralli-Foxon, S. Harris and O. Greco	Tumour Cells Expressing Single VEGF Isoforms Display Distinct Growth, Survival and Migration Characteristics	PloS one	2015	10.1016/j.snb.2014.12.100	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0925400514016463
115	S. Broillet, D. Szlag, A. Bouwens, L. Maurizi, H. Hofmann, T. Lasser and M. Leutenegger	Visible light optical coherence correlation spectroscopy	Optics Express	2015	10.1016/j.taap.2015.05.020	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0041008X15300077
116	D. J. Jung, A. Al-Ahmad, M. Follo, B. Spitzmüller, W. Hoth-Hannig, M. Hannig and C. Hannig	Visualization of initial bacterial colonization on dentine and enamel in situ	Journal of microbiological methods	2015	10.1083/jcb.201410047	µ-Slide 8 well	http://jcb.rupress.org/content/208/6/671.abstract
117	B. M. Krenn, E. Gaudernak, B. Holzer, K. Lanke, F. J. M. Van Kuppeveld and J. Seipelt	Antiviral Activity of Zinc Ionophores Pyrithione and Hinokitiol against Picornaviral Infections	Journal of Virology	2015	10.1021/cb5008713	µ-Slide 8 well glass bottom	http://dx.doi.org/10.1021/cb5008713
118	C. Kreuzinger, M. Gamperl, A. Wolf, G. Heinze, A. Geroldinger, D. Lambrechts, B. Boeckx, D. Smeets, R. Horvat, S. Aust, G. Hamilton, R. Zeillinger and D. Cacsire Castillo-Tong	Molecular characterization of 7 new established cell lines from high grade serous ovarian cancer	Cancer Letters	2015	10.1002/cphc.201402794	µ-Slide 8 well glass bottom	http://dx.doi.org/10.1002/cphc.201402794
119	A. F. Carey, R. Menard and D. Y. Bargieri	Scoring sporozoite motility	Methods in molecular biology (Clifton, NJ)	2015	10.1021/ja5095815	µ-Slide 8 well glass bottom, µ-Dish 35 mm high	http://pubs.acs.org/doi/pdf/10.1021/ja5095815
120	T. Close, G. Cepinskas, T. Omatsu, K. Rose, K. Summers, E. Patterson and D. Fraser	Diabetic ketoacidosis elicits systemic inflammation associated with cerebrovascular endothelial cell dysfunction	Microcirculation	2015	10.1371/journal.pgen.1005358	µ-Slide 8 well, µ-Slide 8 well glass bottom	http://www.plosgenetics.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pgen.1005358&representation=PDF
121	J. Krishnaswamy, A. Singh, U. Gowthaman, R. Wu, P. Gorrepati, M. Sales Nascimento, A. Gallman, D. Liu, A. Rhebergen, S. Calabro and L. Xu	Coincidental loss of DOCK8 function in NLRP10-deficient and C3H/HeJ mice results in defective dendritic cell migration	Proceedings of the National Academy of Sciences	2015	10.1016/j.jneumeth.2014.12.009	µ-Slide 8 well, µ-Slide I Luer	http://www.sciencedirect.com/science/article/pii/S0165027014004221

122	M. Kruta, L. Balek, R. Hejnovaį, Z. Dobsakova, L. Eiselleovaį, K. Matulka, T. Barta, P. Fojtik, J. Fajkus, A. Hampl and V. Rotrekl	Decrease in abundance of apurinic/apyrimidinic endonuclease causes failure of base excision repair in cultureâ€?adapted human embryonic stem cells	Stem Cells	2015	10.1007/s12192-015-0588-x	µ-Slide Angiogenesis	http://dx.doi.org/10.1007/s12192-015-0588-x
123	C. Lachaud, J. Lopez-Beas, B. Soria and A. Hmadcha	EGF-induced adipose tissue mesothelial cells undergo functional vascular smooth muscle differentiation	Cell Death Dis	2015	10.1371/journal.pone.012491 3	µ-Slide Angiogenesis	http://www.plosone.org/article/fetchObject.action?uri=info :doi/10.1371/journal.pone.0124913&representation=PDF
124	F. Kuhnert, M. R. Mancuso, A. Shamloo, H. T. Wang, V. Choksi, M. Florek, H. Su, M. Fruttiger, W. L. Young and S. C. Heilshorn	Essential Regulation of CNS Angiogenesis by the Orphan G Protein-Coupled Receptor GPR124	Science	2015	10.1111/boc.201400079	µ-Slide Angiogenesis	http://dx.doi.org/10.1111/boc.201400079
125	S. Kutscheidt, R. Zhu, S. Antoku, G. Luxton, I. Stagljar, O. Fackler and G. Gundersen	FHOD1 interaction with nesprin-2G mediates TAN line formation and nuclear movement	Nature cell biology	2015	10.1128/jvi.03687-14	µ-Slide Angiogenesis	http://jvi.asm.org/content/89/8/4249.abstract
126	M. A. Kuliszewski, H. Fujii, C. Liao, A. H. Smith, A. Xie, J. R. Lindner and H. Leong-Poi	Molecular imaging of endothelial progenitor cell engraftment using contrast-enhanced ultrasound and targeted microbubbles	Cardiovasc Res	2015	10.1016/j.polymer.2015.03.08 0	µ-Slide Angiogenesis	http://www.sciencedirect.com/science/article/pii/S003238 6115003286
127	V. Lachmann, B. Görg, H. Bidmon, V. Keitel and D. Häussinger	Precipitants of hepatic encephalopathy induce rapid astrocyte swelling in an oxidative stress dependent manner	Archives of biochemistry and biophysics	2015	10.1371/journal.pone.012364 9	µ-Slide Angiogenesis	http://journals.plos.org/plosone/article?id=10.1371/journal .pone.0123649
128	M. Kujawinska, B. Kemper, A. Kus, M. Dudek, W. Krauze, J. Kostencka and T. Kozacki	Problems and Solutions in Tomographic Analysis of Phase Biological Objects	Fringe 2013	2015	10.2217/rme.14.81	µ-Slide Angiogenesis	http://dx.doi.org/10.2217/rme.14.81
129	M. Kurth and R. Entzeroth	Reporter gene expression in cell culture stages and oocysts of Eimeria nieschulzi (Coccidia, Apicomplexa)	Parasitology Research	2015	10.1161/JAHA.114.001510	µ-Slide Angiogenesis	http://onlinelibrary.wiley.com/doi/10.1161/JAHA.114.0015 10/full
130	M. Dowling, A. Kan, S. Heinzel, J. Zhou, J. Marchingo, C. Wellard, J. Markham and P. Hodgkin	Stretched cell cycle model for proliferating lymphocytes	Proceedings of the National Academy of Sciences	2015	10.1007/s12012-015-9314-2	µ-Slide Angiogenesis	http://dx.doi.org/10.1007/s12012-015-9314-2

131	B. Lanfer, A. Hermann, M. Kirsch, U. Freudenberg, U. Reuner, C. Werner and A. Storch	Directed Growth of Adult Human White Matter Stem Cell–Derived Neurons on Aligned Fibrillar Collagen	Tissue Engineering Part A	2015	10.1371/journal.pone.011688 3	µ-Slide Chemotaxis	http://journals.plos.org/plosone/article?id=10.1371/journal .pone.0116883
132	E. Latz, A. Verma, A. Visintin, M. Gong, C. M. Sirois, D. C. G. Klein, B. G. Monks, C. J. McKnight, M. S. Lamphier and W. P. Duprex	Ligand-induced conformational changes allosterically activate Toll-like receptor 9	Nature Immunology	2015	10.1111/ajt.13189	µ-Slide Chemotaxis 2D	http://dx.doi.org/10.1111/ajt.13189
133	G. Costa, A. Mazan, A. Gandillet, S. Pearson, G. Lacaud and V. Kouskoff	SOX7 regulates the expression of VE-cadherin in the haemogenic endothelium at the onset of haematopoietic development	Development	2015	10.1038/npjmgrav.2015.7	µ-Slide Chemotaxis 2D	http://dx.doi.org/10.1038/npjmgrav.2015.7
134	A. M. Lechner, I. Assfalg-Machleidt, S. Zahler, M. Stoeckelhuber, W. Machleidt, M. Jochum and D. K. Nagler	RGD-dependent Binding of Procathepsin X to Integrin {alpha}vbeta3 Mediates Cell-adhesive Properties	J. Biol. Chem.	2015	10.1007/s10544-015-9933-1	µ-Slide Chemotaxis 3D	
135	H. Lecuyer, X. Nassif and M. Coureuil	Two strikingly different signaling pathways are induced by meningococcal type IV pili on endothelial and epithelial cells	Infection and Immunity	2015	10.1093/humrep/dev067	µ-Slide Chemotaxis 3D	http://humrep.oxfordjournals.org/content/early/2015/03/26 /humrep.dev067.abstract
136	P. T. Lee, J. Zou, J. W. Holland, S. A. M. Martin, C. J. W. Scott, T. Kanellos and C. J. Secombes	Functional characterisation of a TLR accessory protein, UNC93B1, in Atlantic salmon (Salmo salar)	Developmental & Comparative Immunology	2015	10.1016/j.bbamcr.2014.12.03 7	µ-Slide I	http://www.sciencedirect.com/science/article/pii/S016748 8915000063
137	Y. B. Lee, Y. M. Shin, J. Lee, I. Jun, J. K. Kang, J. C. Park and H. Shin	Polydopamine-mediated immobilization of multiple bioactive molecules for the development of functional vascular graft materials	Biomaterials	2015	10.1007/s13277-015-4509-5	µ-Slide I	http://link.springer.com/article/10.1007/s13277-015-4509-5#
138	S. Diemert, J. Grohm, S. Tobaben, A. Dolga and C. Culmsee	Real-Time Detection of Neuronal Cell Death by Impedance-Based Analysis using the xCELLigence System	Focus Application Neurotxicity	2015	10.1016/j.neulet.2015.05.027	µ-Slide I	http://www.sciencedirect.com/science/article/pii/S030439 4015003845
139	V. Burchell, D. Nelson, A. Sanchez-Martinez, M. Delgado-Camprubi, R. Ivatt, J. Pogson, S. Randle, S. Wray, P. Lewis and H. Houlden	The Parkinson's disease-linked proteins Fbxo7 and Parkin interact to mediate mitophagy	Nature neuroscience	2015	10.1117/1.JBO.20.6.067002	µ-Slide I	http://dx.doi.org/10.1117/1.JBO.20.6.067002

140	C. Aveleira, M. Botelho, S. Carmo-Silva, J. Pascoal, M. Ferreira-Marques, C. Nóbrega, L. Cortes and J. Valero	Neuropeptide Y stimulates autophagy in hypothalamic neurons	Proceedings of the National Academy of Sciences	2015	10.1007/s10456-014-9454-1	µ-Slide I Luer 0.4	http://dx.doi.org/10.1007/s10456-014-9454-1
141	J. L. Li and M. Gu	Surface plasmonic gold nanorods for enhanced two-photon microscopic imaging and apoptosis induction of cancer cells	Biomaterials	2015	10.1002/jmri.24893	µ-Slide I Luer 0.4	http://dx.doi.org/10.1002/jmri.24893
142	J. Aw, Q. Shao, Y. Yang, T. Jiang, C. Ang and B. Xing	Synthesis and Characterization of 2 (2 hydroxy 5 chlorophenyl) 6 chloro 4 (3 H) Quinazolinone Based Fluorogenic Probes for Cellular Imaging of Monoamine Oxidases	Chemistry–An Asian Journal	2015	http://dx.doi.org/10.1016/j.ejcb.2015.06.002	µ-Slide I Luer 0.6	http://www.sciencedirect.com/science/article/pii/S0171933515000618
143	Y. Li, Y. Li, J. Je and S. Kim	Dieckol as a novel anti-proliferative and anti-angiogenic agent and computational anti-angiogenic activity evaluation	Environmental Toxicology and Pharmacology	2015	10.1002/smll.201502972	µ-Slide I Luer 0.8	http://onlinelibrary.wiley.com/doi/10.1002/smll.201502972/full
144	Y. Li, W. Norde and J. M. Kleijn	Stabilization of protein-loaded starch microgel by polyelectrolytes	Langmuir	2015	10.1111/aor.12474	µ-Slide I Luer 0.8	http://dx.doi.org/10.1111/aor.12474
145	I. Azoulay-Alfaguter, M. Strazza, A. Pedoeem and A. Mor	The coreceptor programmed death-1 inhibits T-cell adhesion by regulating Rap1	Journal of Allergy and Clinical Immunology	2015	10.1172/JCI80454	µ-Slide I Luer 0.8	http://www.jci.org/articles/view/80454
146	A. Azeem, A. English, P. Kumar, A. Satyam, M. Biggs, E. Jones, B. Tripathi, N. Basu and J. Henkel	The influence of anisotropic nano- to micro-topography on in vitro and in vivo osteogenesis	Nanomedicine	2015	10.1038/ncomms8274	µ-Slide I Luer 0.8	http://dx.doi.org/10.1038/ncomms8274
147	N. Bai, H. Hayashi, T. Aida, K. Namekata, T. Harada, M. Mishina and K. Tanaka	Dock3 interaction with a glutamate-receptor NR2D subunit protects neurons from excitotoxicity	Mol Brain	2015	10.4049/jimmunol.1401806	µ-Slide I Luer 0.8, ibidi perfusion system	https://www.jimmunol.org/content/195/3/1162.full
148	N. P. Azouz, T. Matsui, M. Fukuda and R. Sagi-Eisenberg	Decoding the Regulation of Mast Cell Exocytosis by Networks of Rab GTPases	The Journal of Immunology	2015	10.1093/cvr/cvv175	µ-Slide I, µ-Slide y-shaped	http://cardiovascres.oxfordjournals.org/content/early/2015/06/16/cvr.cvv175.abstract

149	E. Liaskou, H. Zimmermann, K. Li, Y. Htun Oo, S. Suresh, Z. Stamataki, O. Qureshi, P. Lalor, J. Shaw and W. Syn	Monocyte subsets in human liver disease show distinct phenotypic and functional characteristics	HEPATOLOGY	2015	doi:10.1142/S0129626415400010	µ-Slide III 3in1	http://www.worldscientific.com/doi/abs/10.1142/S0129626415400010
150	U. D. Lichtenauer, I. Shapiro, K. Geiger, M. Quinkler, M. Fassnacht, R. Nitschke, K.-D. Ruckauer and F. Beuschlein	Side Population Does Not Define Stem Cell-Like Cancer Cells in the Adrenocortical Carcinoma Cell Line NCI h295R	Endocrinology	2015	10.1002/cphc.201500042	µ-Slide III 3in1	http://dx.doi.org/10.1002/cphc.201500042
151	E. Lima-Fernandes, S. Misticone, C. Boularan, J. Paradis, H. Enslen, P. Roux, M. Bouvier, G. Baillie, S. Marullo and M. Scott	A biosensor to monitor dynamic regulation and function of tumour suppressor PTEN in living cells	Nat Commun	2015	10.1371/journal.pone.0118090	µ-Slide VI 0.4	http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0118090&representation=PDF
152	S. dos Santos, A. Zorn, Z. Guttenberg, B. Picard-Willems, C. Kläffling, K. Nelson, U. Klinkhardt and S. Harder	A novel µ-fluidic whole blood coagulation assay based on Rayleigh surface-acoustic waves as a point-of-care method to detect anticoagulants	Biomicrofluidics	2015	10.1152/ajpheart.00649.2014.	µ-Slide VI 0.4	http://ajpheart.physiology.org/content/308/5/H376.abstract
153	A. M. Dolga, T. Letsche, M. Gold, N. Doti, M. Bacher, N. Chiamvimonvat, R. Dodel and C. Culmsee	Activation of KCNN3/SK3/KCa2. 3 channels attenuates enhanced calcium influx and inflammatory cytokine production in activated microglia	Glia	2015	10.1002/cbic.201500042	µ-Slide VI 0.4	http://dx.doi.org/10.1002/cbic.201500042
154	R. I. Dmitriev, A. V. Zhdanov, G. Jasionek and D. B. Papkovsky	Assessment of Cellular Oxygen Gradients with a Panel of Phosphorescent Oxygen-Sensitive Probes	Analytical Chemistry	2015	10.1039/C5DT00175G	µ-Slide VI 0.4	http://pubs.rsc.org/en/content/articlelanding/2015/dt/c5dt00175g#!divAbstract
155	Z. Macek Jilkova, J. Lisowska, S. Manet, C. Verdier, V. Deplano, C. Geindreau, E. Faurobert, C. Albigès-Rizo and A. Duperray	CCM proteins control endothelial beta1 integrin dependent response to shear stress	Biology Open	2015	10.1038/jid.2015.164	µ-Slide VI 0.4	http://www.nature.com/jid/journal/v135/n9/full/jid2015164a.html
156	J. Maia, T. Santos, S. Aday, F. Agasse, L. s. Cortes, J. O. Malva, L. Bernardino and L. Ferreira	Controlling the neuronal differentiation of stem cells by the intracellular delivery of retinoic acid-loaded nanoparticles	ACS nano	2015	10.1038/jcbfm.2014.207	µ-Slide VI 0.4	http://dx.doi.org/10.1038/jcbfm.2014.207
157	E. Maciel, B. Neves, D. Santinha, A. Reis, P. Domingues, M. Teresa Cruz, A. Pitt, C. Spickett and M. Domingues	Detection of phosphatidylserine with a modified polar head group in human keratinocytes exposed to the radical generator AAPH	Archives of Biochemistry and Biophysics	2015	10.1002/anie.201409196	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1002/anie.201409196/full

158	C. Luna, A. Yew and A. Hsieh	Effects of angular frequency during clinorotation on mesenchymal stem cell morphology and migration	Npj Microgravity	2015	10.1371/journal.pone.011912 4	µ-Slide VI 0.4	http://www.plosone.org/article/fetchObject.action?uri=info :doi/10.1371/journal.pone.0119124&representation=PDF
159	A. E. K. Loo and B. Halliwell	Effects of hydrogen peroxide in a keratinocyte-fibroblast co-culture model of wound healing	Biochemical and Biophysical Research Communications	2015	10.1002/cbic.201402545	µ-Slide VI 0.4	http://dx.doi.org/10.1002/cbic.201402545
160	W. E. Lowry, L. Richter, R. Yachechko, A. D. Pyle, J. Tchieu, R. Sridharan, A. T. Clark and K. Plath	Generation of human induced pluripotent stem cells from dermal fibroblasts	Proc Natl Acad Sci USA	2015	10.1039/C4TX00061G	µ-Slide VI 0.4	http://dx.doi.org/10.1039/C4TX00061G
161	K. Lin, Y. Yeh, C. Chuang, S. Yang, J. Chang, S. Sun, Y. Wang, K. Chao and L. Wang	Glucocorticoids mediate induction of microRNA-708 to suppress ovarian cancer metastasis through targeting Rap1B	Nature communications	2015	10.1186/s13054-015-0883-z	µ-Slide VI 0.4	http://www.biomedcentral.com/content/pdf/s13054-015-0883-z.pdf
162	C. Lin, C. Zu, C. Yang, P. Tsai, J. Shyu, C. Chen, Z. Weng, T. Chen and H. Wang	IL-1beta-induced mesenchymal stem cell migration involves MLCK activation via PKC signaling	Cell Transplantation	2015	10.1128/iai.02700-14	µ-Slide VI 0.4	http://iai.asm.org/content/early/2015/01/06/IAI.02700-14.abstract
163	C. Lin, V. L. Kolossov, G. Tsvid, L. Trump, J. J. Henry, J. L. Henderson, L. A. Rund, P. J. A. Kenis, L. B. Schook and H. R. Gaskins	Imaging in real-time with FRET the redox response of tumorigenic cells to glutathione perturbations in a microscale flow	Integr. Biol.	2015	10.1177/1759091414568186	µ-Slide VI 0.4	http://asn.sagepub.com/content/7/1/1759091414568186.abstract
164	I. Loureiro, J. Faria, C. Clayton, S. Ribeiro, N. Roy, N. Santarém, J. Tavares and A. Cordeiro-da-Silva	Knockdown of Asparagine Synthetase A Renders Trypanosoma brucei Auxotrophic to Asparagine	PLOS Neglected Tropical Diseases	2015	10.1016/j.jddst.2015.12.001	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S1773224715300630
165	O. Lunov, T. Syrovets, C. Röcker, K. Tron, G. Ulrich Nienhaus, V. Rasche, V. Mailänder, K. Landfester and T. Simmet	Lysosomal degradation of the carboxydextran shell of coated superparamagnetic iron oxide nanoparticles and the fate of professional phagocytes	Biomaterials	2015	10.4049/jimmunol.1402991	µ-Slide VI 0.4	http://www.jimmunol.org/content/194/10/5014.full.pdf+html
166	Y. C. Lu, Y. J. Chen, H. M. Wang, C. Y. Tsai, W. H. Chen, Y. C. Huang, K. H. Fan, C. N. Tsai, S. F. Huang and C. J. Kang	Oncogenic function and early detection potential of miRNA-10b in oral cancer as identified by microRNA profiling	Cancer Prevention Research	2015	10.1128/jvi.02545-15	µ-Slide VI 0.4	http://jvi.asm.org/content/early/2015/11/19/JVI.02545-15.abstract

167	Y. Do Hyung Kim, C. Chung, C. Kim, T. Kwak, H. Lee and D. Kang	Preclinical evaluation of sorafenib-eluting stent for suppression of human cholangiocarcinoma cells	International journal of nanomedicine	2015	10.1074/jbc.M115.645739	µ-Slide VI 0.4	http://www.jbc.org/content/early/2015/04/22/jbc.M115.645739.abstract
168	N. O. Carragher	Profiling distinct mechanisms of tumour invasion for drug discovery: imaging adhesion, signalling and matrix turnover	Clinical and Experimental Metastasis	2015	10.1016/j.freeradbiomed.2015.09.006	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0891584915005742
169	C. Chen, C. Zhu, J. Huang, X. Zhao, R. Deng, H. Zhang, J. Dou, Q. Chen, M. Xu and H. Yuan	SUMOylation of TARBP2 regulates miRNA/siRNA efficiency	Nature Communications	2015	10.1002/tkm2.1036	µ-Slide VI 0.4	http://dx.doi.org/10.1002/tkm2.1036
170	E. Babetto, B. Beirowski, L. Janeckova, R. Brown, J. Gilley, D. Thomson, R. R. Ribchester and M. P. Coleman	Targeting NMNAT1 to Axons and Synapses Transforms Its Neuroprotective Potency In Vivo	J. Neurosci.	2015	http://dx.doi.org/10.1016/j.biomaterials.2015.07.059	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S014296121500647X
171	V. Lorenz, M. Schön and C. Seitz	The c-Rel subunit of NF-kappaB is a crucial regulator of phenotype and motility of HaCaT keratinocytes	Archives of Dermatological Research	2015	10.1002/smll.201403638	µ-Slide VI 0.4	http://dx.doi.org/10.1002/smll.201403638
172	K. B. L. Lin, P. Tan, S. A. Freeman, M. Lam, K. M. McNagny and M. R. Gold	The Rap GTPases regulate the migration, invasiveness and in vivo dissemination of B-cell lymphomas	Oncogene	2015	10.1016/j.thromres.2015.11.016	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0049384815301924
173	Y. Mali and N. Zisapels	Gain of interaction of ALS-linked G93A superoxide dismutase with cytosolic malate dehydrogenase	Neurobiology of Disease	2015	10.1007/978-1-4939-2697-8_16	µ-Slide VI 0.4, µ-Slide VI 0.1	http://dx.doi.org/10.1007/978-1-4939-2697-8_16
174	J. Malmo, A. Sandvig, K. Vårum and S. Strand	Nanoparticle mediated P-glycoprotein silencing for improved drug delivery across the blood-brain barrier: a siRNA-chitosan approach	PloS one	2015	10.1007/s00216-015-8458-z	µ-Slide VI flat	http://link.springer.com/article/10.1007/s00216-015-8458-z#
175	A. Mann, G. Thakur, V. Shukla, A. K. Singh, R. Khanduri, R. Naik, Y. Jiang, N. Kalra, B. S. Dwarakanath and U. Langel	Differences in DNA condensation and release by lysine and arginine homopeptides govern their DNA delivery efficiencies	Molecular Pharmaceutics	2015	10.2217/nnm.14.218	12 Well Chamber removable	http://dx.doi.org/10.2217/nnm.14.218

176	M. Marchal, R. Briandet, S. Koechler, B. Kammerer and P. N. Bertin	Effect of Arsenite on Swimming Motility Delays the Surface Colonization in Herminiimonas arsenicoxydans	Microbiology	2015	10.1002/cbic.201402526	12 Well Chamber removable	http://dx.doi.org/10.1002/cbic.201402526
177	E. Du, M. Diez-Silva, G. Kato, M. Dao and S. Suresh	Kinetics of sickle cell biorheology and implications for painful vasoocclusive crisis	Proceedings of the National Academy of Sciences	2015	10.1242/dmm.020099	12 Well Chamber removable	http://dmm.biologists.org/content/dmm/early/2015/04/22/dmm.020099.full.pdf
178	J. Maravillas-Montero, O. López-Ortega, G. Patiño-López and L. Santos-Argumedo	Myosin 1g regulates cytoskeleton plasticity, cell migration, exocytosis and endocytosis in B lymphocytes	European Journal of Immunology	2015	10.1186/s12943-015-0287-3	12 Well Chamber removable	http://www.biomedcentral.com/content/pdf/s12943-015-0287-3.pdf
179	A. Mann, R. Khanduri, R. J. Naik and M. Ganguli	Structural rearrangements and chemical modifications in known cell penetrating peptide strongly enhance DNA delivery efficiency	Journal of Controlled Release	2015	10.1039/C5MD00127G	12 Well Chamber removable	http://dx.doi.org/10.1039/C5MD00127G
180	L. Marzo, Z. Marijanovic, D. Browman, Z. Chamoun, A. Caputo and C. Zurzolo	4-hydroxytamoxifen leads to PrPSc clearance by conveying both PrPC and PrPSc to lysosomes independently of autophagy	Journal of cell science	2015	10.1073/pnas.1416181112	Culture-Insert	http://www.pnas.org/content/112/5/1499.abstract
181	M. Miyata, Y. Kishimoto, M. Tanaka, K. Hashimoto, N. Hirashima, Y. Murata, M. Kano and Y. Takagishi	A Role for Myosin Va in Cerebellar Plasticity and Motor Learning: A Possible Mechanism Underlying Neurological Disorder in Myosin Va Disease	J. Neurosci.	2015	10.1016/j.canlet.2015.02.033	Culture-Insert	http://dx.doi.org/10.1016/j.canlet.2015.02.033
182	N. Maugeri, L. Campana, M. Gavina, C. Covino, M. De Metrio and C. Panciroli	Activated platelets present High Mobility Group Box 1 to neutrophils, inducing autophagy and promoting the extrusion of neutrophil extracellular traps	Journal of Thrombosis and Haemostasis	2015	10.1186/s13023-015-0231-z	Culture-Insert	http://www.biomedcentral.com/content/pdf/s13023-015-0231-z.pdf
183	J. McAuley, M. Tate, C. MacKenzie-Kludas, A. Pinar, W. Zeng, A. Stutz, E. Latz, L. Brown and A. Mansell	Activation of the NLRP3 inflammasome by IAV virulence protein PB1-F2 contributes to severe pathophysiology and disease	PLoS pathogens	2015	10.1016/j.neuropharm.2014.09.013	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0028390814003207
184	G. Mazza, M. Stoiber, D. Pfeiffer and H. Schima	Atraumatic Pulsatile Leukocyte Circulation for Long-Term In Vitro Dynamic Culture and Adhesion Assays	Artificial Organs	2015	10.1186/s12885-015-1138-8	Culture-Insert	http://www.biomedcentral.com/content/pdf/s12885-015-1138-8.pdf

185	V. Montana and H. Sontheimer	Bradykinin Promotes the Chemotactic Invasion of Primary Brain Tumors	The Journal of Neuroscience	2015	10.1002/stem.1849	Culture-Insert	http://dx.doi.org/10.1002/stem.1849
186	M. Mori, S. Rossi, M. Bonferoni, F. Ferrari, G. Sandri, F. Riva, C. Del Fante, C. Perotti and C. Caramella	Calcium alginate particles for the combined delivery of platelet lysate and vancomycin hydrochloride in chronic skin ulcers	International Journal of Pharmaceutics	2015	10.1016/j.jconrel.2014.11.001	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0168365914007354
187	O. Giegold, N. Ogrissek, C. Richter, M. Schröder, M. H. San Juan, J. M. Pfeilschifter and H. H. Radeke	CXCL9 Causes Heterologous Desensitization of CXCL12-Mediated Memory T Lymphocyte Activation	The Journal of Immunology	2015	10.1016/j.celrep.2015.11.012	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S2211124715013121
188	G. H. Mathisen, A. B. Fallgren, B. O. Ström, K. A. Boldingh Debernard, B. U. Mohebi and R. E. Paulsen	Delayed translocation of NGFI–B/RXR in glutamate stimulated neurons allows late protection by 9-cis retinoic acid	Biochemical and Biophysical Research Communications	2015	10.1007/s13277-015-3039-5	Culture-Insert	http://dx.doi.org/10.1007/s13277-015-3039-5
189	G. Coué, C. Freese, R. Unger, C. Kirkpatrick, K. Pickl, F. Sinner and J. Engbersen	Design and physicochemical characterization of poly (amidoamine) nanoparticles and the toxicological evaluation in human endothelial cells: applications to peptide delivery to the brain	Journal of Biomaterials Science, Polymer Edition	2015	10.1002/path.4588	Culture-Insert	http://dx.doi.org/10.1002/path.4588
190	A. Meissner, M. Wernig and R. Jaenisch	Direct reprogramming of genetically unmodified fibroblasts into pluripotent stem cells	Nat Biotechnol	2015	10.1016/j.biocel.2015.03.014	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S1357272515000837
191	M. Mitsushima, F. Toyoshima and E. Nishida	Dual Role of Cdc42 in Spindle Orientation Control of Adherent Cells	Molecular and Cellular Biology	2015	10.1038/onc.2014.446	Culture-Insert	http://dx.doi.org/10.1038/onc.2014.446
192	N. Morimoto, T. Wazawa, Y. Inoue and M. Suzuki	Dynamic transformations of self-assembled polymeric microspheres induced by AC voltage and shear flow	RSC Advances	2015	10.1016/j.canlet.2015.02.032	Culture-Insert	http://dx.doi.org/10.1016/j.canlet.2015.02.032
193	M. A. Meledeo, J. A. Bynum, J. L. Sondeen and P. D. Bowman	Endothelial cell responses to laminar flow: changes in gene expression, protein, and glycocalyx	FASEB J	2015	10.3892/ijo.2015.3281	Culture-Insert	http://www.spandidos-publications.com/10.3892/ijo.2015.3281

194	J. Moonen, E. Lee, M. Schmidt, M. Maleszewska, J. Koerts, L. Brouwer, T. Van Kooten, M. Van Luyn, C. Zeebregts and G. Krenning	Endothelial-to-mesenchymal transition contributes to fibro-proliferative vascular disease and is modulated by fluid shear stress	Cardiovascular research	2015	10.1097/JTO.0000000000000369	Culture-Insert	http://journals.lww.com/jto/Abstract/2015/01000/Deregulation_of_SLIT2_Mediated_Cdc42_Activity_Is.23.aspx
195	S. Metassan, M. N. Routledge, A. J. Lucking, S. U. de Willige, H. Philippou, N. L. Mills, D. E. Newby and R. A. S. Ariëns	Fibrin clot structure remains unaffected in young, healthy individuals after transient exposure to diesel exhaust	Particle and Fibre Toxicology	2015	10.1002/jcp.24996	Culture-Insert	http://dx.doi.org/10.1002/jcp.24996
196	A. Masamune, K. Kikuta, T. Watanabe, K. Satoh, M. Hirota, S. Hamada and T. Shimosegawa	Fibrinogen induces cytokine and collagen production in pancreatic stellate cells	Gut	2015	10.2217/nnm.14.217	Culture-Insert	http://dx.doi.org/10.2217/nnm.14.217
197	A. Moine, R. Agrebi, L. Espinosa, J. Kirby, D. Zusman, T. Mignot and E. Mauriello	Functional Organization of a Multimodular Bacterial Chemosensory Apparatus	PLoS genetics	2015	10.1371/journal.pone.0116984	Culture-Insert	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0116984
198	C. Bayer, S. Varani, L. Wang, P. Walther, S. Zhou, S. Straschewski, M. Bachem, C. Söderberg-Naucler, T. Mertens and G. Frascaroli	Human cytomegalovirus infection of M1 and M2 macrophages triggers inflammation and autologous T-cell proliferation	Journal of Virology	2015	noch unbekannt	Culture-Insert	http://downloads.hindawi.com/journals/bmri/aa/185736.pdf
199	W. Chou, K. Chuang, D. Sun, Y. Lee, P. Kao, Y. Lin, H. Wang and Y. Wu	Inhibition of PKC-Induced COX-2 and IL-8 Expression in Human Breast Cancer Cells by Glucosamine	Journal of Cellular Physiology	2015	10.1038/ncomms6917	Culture-Insert	http://www.nature.com/ncomms/2015/150108/ncomms6917/full/ncomms6917.html
200	S. Mezouar, R. Darbousset, F. Dignat-George, L. Panicot-Dubois and C. Dubois	Inhibition of platelet activation prevents the P-selectin and integrin-dependent accumulation of cancer cell microparticles and reduces tumor growth and metastasis in vivo	International Journal of Cancer	2015	10.1016/j.etap.2014.11.027	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S138266891400297X
201	H. Mooij, P. Cabrales, S. Bernelot Moens, D. Xu, S. Udayappan, A. G. Tsai, M. van der Sande, E. de Groot, M. Intaglietta, J. Kastelein, G. Dallinga-Thie, J. Esko, E. Stroes and M. Nieuwdorp	Loss of Function in Heparan Sulfate Elongation Genes EXT1 and EXT 2 Results in Improved Nitric Oxide Bioavailability and Endothelial Function	Journal of the American Heart Association	2015	10.1111/bjd.13816	Culture-Insert	http://dx.doi.org/10.1111/bjd.13816
202	D. V. Moik, V. C. Janbandhu and R. Fassler	Loss of migfilin expression has no overt consequences on murine development and homeostasis	J. Cell Sci.	2015	10.1096/fj.1530-6860.	culture-Insert	http://www.fasebj.org/content/29/1_Supplement/728.18.abstract

203	G. P. Mc Nerney, W. Hübner, B. K. Chen and T. Huser	Manipulating CD4+ T cells by optical tweezers for the initiation of cell-cell transfer of HIV-1	Journal of Biophotonics	2015	10.1002/pros.22935	Culture-Insert	http://dx.doi.org/10.1002/pros.22935
204	A. Minami, K. Mizutani, M. Waseda, M. Kajita, M. Miyata, W. Ikeda and Y. Takai	Necl-5/PVR enhances PDGF-induced attraction of growing microtubules to the plasma membrane of the leading edge of moving NIH3T3 cells	Genes to Cells	2015	10.1002/ecj.11736	Culture-Insert	http://dx.doi.org/10.1002/ecj.11736
205	A. Mokhtarieh, S. Kim, Y. Lee, B. Chung and M. Lee	Novel cell penetrating peptides with multiple motifs composed of RGD and its analogs	Biochemical and biophysical research communications	2015	10.1096/fj.1530-6860	Culture-Insert	http://www.fasebj.org/content/29/1_Supplement/893.8.abstract
206	R. M. Martin, G. Tünnemann, H. Leonhardt and M. C. Cardoso	Nucleolar marker for living cells	Histochemistry and Cell Biology	2015	10.1016/j.exer.2015.02.016	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0014483515000500
207	R. Misaki, M. Morimatsu, T. Uemura, S. Waguri, E. Miyoshi, N. Taniguchi, M. Matsuda and T. Taguchi	Palmitoylated Ras proteins traffic through recycling endosomes to the plasma membrane during exocytosis	J. Cell Biol.	2015	10.1186/s13221-014-0027-2	Culture-Insert	http://www.biomedcentral.com/content/pdf/s13221-014-0027-2.pdf
208	I. Cicha, M. Goppelt-Struebe, S. Muehlich, A. Yilmaz, D. Raaz, W. G. Daniel and C. D. Garlichs	Pharmacological inhibition of RhoA signaling prevents connective tissue growth factor induction in endothelial cells exposed to non-uniform shear stress	Atherosclerosis	2015	10.1136/gutjnl-2013-305947	Culture-Insert	http://gut.bmj.com/content/64/5/743.abstract
209	R. Michael Delaine-Smith, B. Javaheri, J. Helen Edwards, M. Vazquez and R. M. H. Rumney	Preclinical models for in vitro mechanical loading of bone-derived cells	BoneKEy Rep	2015	10.1002/ijc.29507	Culture-Insert	http://dx.doi.org/10.1002/ijc.29507
210	E. Micholt, D. Jans, G. Callewaert, C. Bartic, J. Lammertyn and B. Nicolai	Primary culture of embryonic rat olfactory receptor neurons	In Vitro Cellular & Developmental Biology-Animal	2015	10.3892/mmr.2015.3304	Culture-Insert	http://www.spandidos-publications.com/mmr/11/6/4597
211	A. Mescola, S. Vella, M. Scotto, P. Gavazzo, C. Canale, A. Diaspro, A. Pagano and M. Vassalli	Probing cytoskeleton organisation of neuroblastoma cells with singleâ€?cell force spectroscopy	Journal of Molecular Recognition	2015	10.1371/journal.pone.0117111	Culture-Insert	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0117111

212	M. A. Moreno-Mateos, A. G. Espina, B. Torres, M. M. G. del Estal, A. Romero-Franco, R. M. Rios and J. A. Pintor-Toro	PTTG1/securin modulates microtubule nucleation and cell migration	Molecular Biology of the Cell	2015	10.1371/journal.pone.0124762	Culture-Insert	http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0124762&representation=PDF
213	H. Coker and N. Brockdorff	SMCHD1 accumulates at DNA damage sites and facilitates the repair of DNA double-strand breaks	Journal of Cell Science	2015	10.3892/ijmm.2014.1997	Culture-Insert	http://www.spandidos-publications.com/10.3892/ijmm.2014.1997
214	R. Misaki, T. Nakagawa, M. Fukuda, N. Taniguchi and T. Taguchi	Spatial segregation of degradation- and recycling-trafficking pathways in COS-1 cells	Biochemical and Biophysical Research Communications	2015	10.1016/j.rvsc.2014.12.017	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0034528814003580
215	N. Bunkin, G. Lyakhov, A. Shkirin, A. Kobelev, N. Penkov, S. Ugraitskaya and E. Fesenko	Study of the submicron heterogeneity of aqueous solutions of hydrogen-bond acceptor molecules by laser diagnostics methods	Physics of Wave Phenomena	2015	10.1042/bj20141127	Culture-Insert	http://www.biochemj.org/ppbiochemj/early/2015/09/08/BJ20141127.full.pdf
216	Y. Miyanari	TAL effector-mediated Genome Visualization (TGV)	Methods	2015	10.1007/s00432-015-1942-1	Culture-Insert	http://dx.doi.org/10.1007/s00432-015-1942-1
217	S. Miguel, M. Ribeiro, H. Brancal, P. Coutinho and I. Correia	Thermoresponsive chitosan-agarose hydrogel for skin regeneration	Carbohydrate Polymers	2015	10.1002/path.4552	Culture-Insert	http://dx.doi.org/10.1002/path.4552
218	S. Meucci, M. Travagliati, O. Vittorio, G. Cirillo and L. Masini	Tubeless biochip for chemical stimulation of cells in closed-bioreactors: anti-cancer activity of the catechin-dextran conjugate	RSC Advances	2015	10.1002/jps.24278	culture-Insert	http://dx.doi.org/10.1002/jps.24278
219	S. Meucci, O. Vittorio, F. Beltram and M. Cecchini	Tubeless biochip for tailoring cell co-cultures in closed microchambers	Microelectronic Engineering	2015	10.1002/stem.2020	culture-Insert	http://dx.doi.org/10.1002/stem.2020
220	R. Morosetti, C. Gliubizzi, C. Sancricca, A. Broccolini, T. Gidaro, M. Lucchini and M. Mirabella	TWEAK in Inclusion-Body Myositis Muscle	The American Journal of Pathology	2015	10.1074/jbc.M114.606343	Culture-Insert	http://www.jbc.org/content/early/2015/01/14/jbc.M114.606343.abstract
221	O. Mortusewicz, U. Rothbauer, M. C. Cardoso and H. Leonhardt	Differential recruitment of DNA Ligase I and III to DNA repair sites	Nucleic Acids Res.	2015	10.1002/jcp.24955	Culture-Insert 24	http://dx.doi.org/10.1002/jcp.24955
222	A. E. Finlayson and K. W. Freeman	A Cell Motility Screen Reveals Role for MARCKS-Related Protein in Adherens Junction Formation and Tumorigenesis	PLoS ONE	2015	10.1371/journal.pone.0134336	Culture-Insert, µ-Dish 35 mm	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0134336

223	Z. Campbell, C. Valley and M. Wickens	A protein-RNA specificity code enables targeted activation of an endogenous human transcript	Nat Struct Mol Biol	2015	10.1016/j.celrep.2015.06.020	Culture-Insert, µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S221112471500618X
224	S. Muehlich, I. Cicha, C. D. Garlichs, B. Krueger, G. Posern and M. Goppelt-Struebe	Actin-dependent regulation of connective tissue growth factor	Am J Physiol Cell Physiol	2015	10.1007/s10495-015-1200-7	Culture-Insert, µ-Dish 35 mm	http://link.springer.com/article/10.1007/s10495-015-1200-7#
225	B. Müller, M. Bovet, Y. Yin, D. Stichel, M. Malz, M. González-Vallinas, A. Middleton, V. Ehemann, J. Schmitt and T. Muley	Concomitant expression of far upstream element (FUSE) binding protein (FBP) interacting repressor (FIR) and its splice variants induce migration and invasion of non-small cell lung cancer (NSCLC) cells	The Journal of Pathology	2015	10.1371/journal.pgen.1005063	Culture-Insert, µ-Dish 35 mm	http://www.plosgenetics.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pgen.1005063&representation=PDF
226	M. Mulisch and B. Nixdorf-Bergweiler	Fluoreszenzfärbungen	Romeis-Mikroskopische Technik	2015	10.1016/j.bmcl.2014.12.065	Culture-Insert, µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0960894X14013730
227	J. Müller, N. Gruner, I. Almstätter, F. Kirsch, A. Buettner and M. W. Pfaffl	Investigation into the metabolism of 1, 8-cineole in an intestinal cell culture model and acquisition of its immune-modulatory effect via gene expression analysis	Flavour and Fragrance Journal	2015	10.1007/s12192-015-0661-5	Culture-Insert, µ-Dish 35 mm	http://link.springer.com/article/10.1007/s12192-015-0661-5#
228	A. Msaki, A. M. Sanchez, L. F. Koh, B. Barre, S. Rocha, N. D. Perkins and R. F. Johnson	The Role of RelA (p65) Threonine 505 Phosphorylation in the Regulation of Cell Growth, Survival, and Migration	Molecular Biology of the Cell	2015	10.1016/j.bmc.2015.11.042	Culture-Insert, µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0968089615301668
229	O. Müller, Q. Tian, R. Zantl, V. Kahl, P. Lipp and L. Kaestner	A system for optical high resolution screening of electrical excitable cells	Cell Calcium	2015	10.1016/j.bbrc.2014.12.037	Culture-Insert, µ-Dish 35 mm low	http://www.sciencedirect.com/science/article/pii/S0006291X14022025
230	P. Denninger, A. Bleckmann, A. Lausser, F. Vogler, T. Ott, D. Ehrhardt, W. Frommer, S. Sprunck, T. Dresselhaus and G. Grossmann	Male–female communication triggers calcium signatures during fertilization in Arabidopsis	Nat Commun	2015	10.1117/12.2079994	DIC Lid, µ-Dish 35 mm	http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2204099
231	S. Muñoz, E. Manjón and Y. Sánchez	The putative exchange factor Gef3p interacts with Rho3p GTPase and the septin ring during cytokinesis in fission yeast	Journal of Biological Chemistry	2015	10.1002/elan.201400684	ECIS array	http://dx.doi.org/10.1002/elan.201400684
232	M. Murray, T. Birkland, J. Howe, A. Rowan, M. Fidock, W. Parks and J. Gavrilovic	Macrophage Migration and Invasion Is Regulated by MMP10 Expression	PloS one	2015	10.1117/12.2080867	Grid-500, µ-Dish 35 mm	http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2194766

233	C. Prada, R. Alvarez-Velilla, R. Diaz-Gozalez, Y. Perez-Pertejo, R. Balana-Fouce and R. Reguera	Identification and Characterization of the Regions Involved in the Nuclear Translocation of the Heterodimeric Leishmanial DNA Topoisomerase IB	PLoS ONE	2015	10.1080/15384101.2015.1093710	ibidi Gas Incubation System	http://dx.doi.org/10.1080/15384101.2015.1093710
234	H. H. Truong, J. de Sonneville, V. P. S. Ghotra, J. Xiong, L. Price, P. C. W. Hogendoorn, H. H. Spaink, B. van de Water and E. H. J. Danen	Automated microinjection of cell-polymer suspensions in 3D ECM scaffolds for high-throughput quantitative cancer invasion screens	Biomaterials	2015	10.4049/jimmunol.1401434	ibidi Heating System	http://www.jimmunol.org/content/early/2015/03/14/jimmunol.1401434.abstract
235	F. Baggio, A. Bratic, A. Mourier, T. Kauppila, L. Tain, C. Kukat, B. Habermann, L. Partridge and N. Larsson	Drosophila melanogaster LRPPRC2 is involved in coordination of mitochondrial translation	Nucleic Acids Research	2015	10.1016/j.cellsig.2015.12.001	ibidi perfusion system, µ-Slide I Luer 0.4	http://www.sciencedirect.com/science/article/pii/S0898656815300073
236	C. Bahlawane, R. Eulenfeld, M. Wiesinger, J. Wang, A. Muller, A. Girod, P. Nazarov, K. Felsch, L. Vallar and T. Sauter	Constitutive activation of oncogenic PDGFRalpha-mutant proteins occurring in GIST patients induces receptor mislocalisation and alters PDGFRalpha signalling characteristics	Cell Communication and Signaling	2015	10.1007/s00430-015-0387-0	ibidi pump system	http://dx.doi.org/10.1007/s00430-015-0387-0
237	S. J. Terry, A. Elbediwy, C. Zihni, A. R. Harris, M. Bailly, G. T. Charras, M. S. Balda and K. Matter	Stimulation of Cortical Myosin Phosphorylation by p114RhoGEF Drives Cell Migration and Tumor Cell Invasion	PLoS ONE	2015	10.1038/bonekey.2015.97	ibidi pump system	http://dx.doi.org/10.1038/bonekey.2015.97
238	L. A. Burnett, M. M. Light, P. Mehrotra and R. A. Nowak	Stimulation of GPR30 Increases Release of EMMPRIN-Containing Microvesicles in Human Uterine Epithelial Cells	Journal of Clinical Endocrinology & Metabolism	2015	10.1016/j.leukres.2015.01.007	micro-Insert 4 well	http://dx.doi.org/10.1016/j.leukres.2015.01.007
239	E. B. Byun, T. Ishikawa, A. Suyama, M. Kono, S. Nakashima, T. Kanda, T. Miyamoto and T. Matsui	A procyanidin trimer, C1, promotes NO production in rat aortic endothelial cells< i> via</i> both hyperpolarization and PI3K/Akt pathways	European Journal of Pharmacology	2015	10.1038/nature14503	Sticky-Slide I Luer	http://dx.doi.org/10.1038/nature14503
240	S. Nakata, N. Fujita, Y. Kitagawa, R. Okamoto, H. Ogita and Y. Takai	Regulation of Platelet-derived Growth Factor Receptor Activation by Afadin through SHP-2: IMPLICATIONS FOR CELLULAR MORPHOLOGY	J. Biol. Chem.	2015	10.1016/j.actbio.2015.04.005	Sticky-Slide I Luer	http://www.sciencedirect.com/science/article/pii/S1742706115001671

241	A. Nakano-Kobayashi, M. Yamazaki, T. Unoki, T. Hongu, C. Murata, R. Taguchi, T. Katada, M. A. Frohman, T. Yokozeki and Y. Kanaho	Role of activation of PIP5K gamma 661 by AP-2 complex in synaptic vesicle endocytosis	The EMBO Journal	2015	10.1152/ajpcell.00363.2014	Sticky-Slide I Luer	http://ajpcell.physiology.org/content/308/8/C657.abstract
242	D. de Melo-Diogo, V. Gaspar, E. Costa, A. Moreira, D. Markl, E. Gallardo and I. Correia	Combinatorial delivery of Crizotinib–Palbociclib–Sildenafil using TPGS-PLA micelles for improved cancer treatment	European Journal of Pharmaceutics and Biopharmaceutics	2015	10.1038/nature16443	sticky-Slide VI 0.4	http://dx.doi.org/10.1038/nature16443
243	P. Nangia-Makker, Y. Yu, A. Vasudevan, L. Farhana, S. Rajendra, E. Levi and A. Majumdar	Metformin: A Potential Therapeutic Agent for Recurrent Colon Cancer	PloS one	2015	10.1021/ja512141k	Sticky-Slide VI 0.4	http://dx.doi.org/10.1021/ja512141k
244	Y. W. Noh, Y. T. Lim and B. H. Chung	Noninvasive imaging of dendritic cell migration into lymph nodes using near-infrared fluorescent semiconductor nanocrystals	The FASEB Journal	2015	10.1016/j.eurpolymj.2015.03.040	Sticky-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0014305715001755
245	L. Arseni, M. Lanzafame, E. Compe, P. Fortugno, A. Afonso-Barroso, F. Peverali, A. Lehmann, G. Zambruno, J. Egly, M. Stefanini and D. Orioli	TFIIH-dependent MMP-1 overexpression in trichothiodystrophy leads to extracellular matrix alterations in patient skin	Proceedings of the National Academy of Sciences	2015	10.1039/C5LC00749F	Sticky-Slide VI 0.4	http://dx.doi.org/10.1039/C5LC00749F
246	M. Giladi, R. Schneiderman, Y. Porat, M. Munster, A. Itzhaki, D. Mordechovich, S. Cahal, E. Kirson, U. Weinberg and Y. Palti	Mitotic disruption and reduced clonogenicity of pancreatic cancer cells in vitro and in vivo by tumor treating fields	Pancreatology	2014	10.1016/j.cub.2014.02.005	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0960982214001432
247	J. Gilleron, W. Querbes, A. Zeigerer, A. Borodovsky, G. Marsico, U. Schubert, K. Manygoats, S. Seifert, C. Andree and M. Stöter	Image-based analysis of lipid nanoparticle-mediated siRNA delivery, intracellular trafficking and endosomal escape	Nature biotechnology	2014	10.1371/journal.pone.0092827	µ-Dish	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0092827#pone-0092827-g007
248	C. Güring and T. Spielmann	5 Imaging of Live Malaria Blood Stage Parasites	Methods in Enzymology	2014	10.1002/jbmr.2439	µ-Dish 35 mm	http://dx.doi.org/10.1002/jbmr.2439
249	L. Harris, P. Rainey, V. Castro-López, J. O'Donnell and A. Killard	A microfluidic anti-Factor Xa assay device for point of care monitoring of anticoagulation therapy	Analyst	2014	10.1016/j.niox.2014.06.003	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S1089860314002481

250	E. Derivery, E. Helfer, V. Henriot and A. Gautreau	Actin Polymerization Controls the Organization of WASH Domains at the Surface of Endosomes	PLoS ONE	2014	10.1186/1471-2202-15-69	µ-Dish 35 mm	http://www.biomedcentral.com/1471-2202/15/69/
251	F. Dahlmann, N. Biedenkopf, A. Babler, W. Jahnen-Dechent, C. Karsten, K. Gnirß, H. Schneider, F. Wrensch, C. O'Callaghan, S. Bertram, G. Herrler and S. Becker	Analysis of Ebola Virus Entry Into Macrophages	Journal of Infectious Diseases	2014	10.1371/journal.pone.0088529	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0088529#pone-0088529-g006
252	B. M. Gleeson, K. Martin, M. T. Ali, A. H. S. Kumar, M. G.-K. Pillai, S. P. G. Kumar, J. F. O'Sullivan, D. Whelan, A. Stocca, W. Khider, F. P. Barry, T. O'Brien and N. M. Caplice	Bone Marrow-Derived Mesenchymal Stem Cells Have Innate Procoagulant Activity and Cause Microvascular Obstruction Following Intracoronary Delivery: Amelioration by Antithrombin Therapy	STEM CELLS	2014	10.1038/ncb2965	µ-Dish 35 mm	http://www.nature.com/ncb/journal/v16/n6/full/ncb2965.html
253	K. Griessmeier, H. Cuny, K. Roetzer, O. Griesbeck, H. Harz, M. Biel and C. Wahl-Schott	Calmodulin is a functional regulator of CAV1. 4 l-type CA2+ channels	Journal of Biological Chemistry	2014	10.1016/j.antiviral.2014.01.015	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0166354214000278
254	G. Dobrynin, O. Popp, T. Romer, S. Bremer, M. H. A. Schmitz, D. W. Gerlich and H. Meyer	Cdc48/p97-Ufd1-Npl4 antagonizes Aurora B during chromosome segregation in HeLa cells	J. Cell Sci.	2014	10.1371/journal.ppat.1004478	µ-Dish 35 mm	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1004478
255	R. Gogna, E. Madan, P. Kuppusamy and U. Pati	Chaperoning of Mutant p53 Protein by Wild-type p53 Protein Causes Hypoxic Tumor Regression	J. Biol. Chem.	2014	10.1007/8904_2014_300	µ-Dish 35 mm	http://link.springer.com/chapter/10.1007/8904_2014_300#
256	S. Hanig, R. Entzeroth and M. Kurth	Chimeric fluorescent reporter as a tool for generation of transgenic Eimeria (Apicomplexa, Coccidia) strains with stage specific reporter gene expression	Parasitology International	2014	10.1016/j.jprot.2014.09.017	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S1874391914004412
257	K. Hasegawa, S. J. Ryu and P. Kalab	Chromosomal gain promotes formation of a steep RanGTP gradient that drives mitosis in aneuploid cells	The Journal of Cell Biology	2014	10.1096/fj.14-252841	µ-Dish 35 mm	http://www.fasebj.org/content/early/2014/11/04/fj.14-252841.abstract
258	D. Grum, S. Franke, O. Kraff, D. Heider, A. Schramm, D. Hoffmann and P. Bayer	Design of a Modular Protein-Based MRI Contrast Agent for Targeted Application	PloS one	2014	May 26, 2014	µ-Dish 35 mm	https://www.jstage.jst.go.jp/article/jcbn/advpub/0/advpub_14-8/_article
259	R. Gorchakov, N. Garmashova, E. Frolova and I. Frolov	Different types of nsP3-containing protein complexes in Sindbis virus-infected cells	Journal of Virology	2014	10.1039/C4TB01030B	µ-Dish 35 mm	http://dx.doi.org/10.1039/C4TB01030B

260	S. Giunta, R. Belotserkovskaya and S. P. Jackson	DNA damage signaling in response to double-strand breaks during mitosis	J. Cell Biol.	2014	10.1128/AAC.03457-14	µ-Dish 35 mm	http://aac.asm.org/content/early/2014/07/02/AAC.03457-14.abstract
261	Y. Harada, Y. Tanaka, M. Terasawa, M. Pieczyk, K. Habiro, T. Katakai, K. Hanawa-Suetsugu, M. Kukimoto-Niino, T. Nishizaki, M. Shirouzu, X. Duan, T. Uruno, A. Nishikimi, F. Sanematsu, S. Yokoyama, J. V. Stein, T. Kinashi and Y. Fukui	DOCK8 is a Cdc42 activator critical for interstitial dendritic cell migration during immune responses	Blood	2014	10.1080/00222933.2013.826830	µ-Dish 35 mm	http://www.tandfonline.com/doi/abs/10.1080/00222933.2013.826830
262	J. Gracia-Sancho, L. Russo, H. Garcia-Caldero, J. C. Garcia-Pagan, G. Garcia-Cardena and J. Bosch	Endothelial expression of transcription factor Kruppel-like factor 2 and its vasoprotective target genes in the normal and cirrhotic rat liver	GUT	2014	10.1007/s00432-014-1642-2	µ-Dish 35 mm	http://link.springer.com/article/10.1007/s00432-014-1642-2#
263	H. Harz, R. Daum, C. Seebacher, J. Walter and R. Uhl	Following live cells–A novel high content high throughput screening platform	Medical Laser Application	2014	10.1016/j.nbd.2014.06.018	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S096999611400182X
264	M. Brusilovsky, M. Cordoba, B. Rosental, O. Hershkovitz, M. Andrake, A. Pecherskaya, M. Einarson, Y. Zhou, A. Braiman and K. Campbell	Genome-Wide siRNA Screen Reveals a New Cellular Partner of NK Cell Receptor KIR2DL4: Heparan Sulfate Directly Modulates KIR2DL4-Mediated Responses	The Journal of Immunology	2014	10.1186/1478-811X-12-37	µ-Dish 35 mm	http://www.biosignaling.com/content/12/1/37/abstract
265	S. Hakeda-Suzuki, S. Berger-Müller, T. Tomasi, T. Usui, S. Horiuchi, T. Uemura and T. Suzuki	Golden Goal collaborates with Flamingo in conferring synaptic-layer specificity in the visual system	Nature Neuroscience	2014	10.1002/mabi.201400246	µ-Dish 35 mm	http://dx.doi.org/10.1002/mabi.201400246
266	K. Giri, C. Pabelick, P. Mukherjee and Y. Prakash	Hepatoma derived growth factor (HDGF) dynamics in ovarian cancer cells	Apoptosis	2014	10.1002/jbm.b.33206	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/jbm.b.33206/abstract?systemMessage=Wiley+Online+Library+will+be+disrupted+Saturday%2C+7+June+from+10%3A00-15%3A00+BST+%2805%3A00-10%3A00+EDT%29+for+essential+maintenance&userIsAuthenticated=false&deniedAccessCustomisedMessage=
267	C. Bayer, S. Varani, L. Wang, P. Walther, S. Zhou, S. Straschewski, M. Bachem, C. Söderberg-Naucler, T. Mertens and G. Frascaroli	Human cytomegalovirus infection of M1 and M2 macrophages triggers inflammation and autologous T-cell proliferation	Journal of virology	2014	10.1111/nph.12849	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1111/nph.12849/abstract;jsessionid=C20796756B44BF55D3F2737557382148.f01t03?deniedAccessCustomisedMessage=&userIsAuthenticated=false

268	A. Compton, T. Bruel, F. Porrot, A. Mallet, M. Sachse, M. Euvrard, C. Liang, N. Casartelli and O. Schwartz	IFITM Proteins Incorporated into HIV-1 Virions Impair Viral Fusion and Spread	Cell Host & Microbe	2014	10.1074/jbc.M113.530659	µ-Dish 35 mm	http://molbio.jbc.org/content/jbc/early/2014/02/05/jbc.M113.530659.full.pdf
269	P. Guerreiro, Y. Huang, A. Gysbers, D. Cheng, W. Gai, T. Outeiro and G. Halliday	LRRK2 interactions with alpha-synuclein in Parkinson's disease brains and in cell models	Journal of Molecular Medicine	2014	10.1371/journal.pgen.1004741	µ-Dish 35 mm	http://journals.plos.org/plosgenetics/article?id=10.1371/journal.pgen.1004741
270	H. Han, S. Son, J. Yun, Y. Jo and O. Lee	MicroRNA-29a suppresses the growth, migration, and invasion of lung adenocarcinoma cells by targeting carcinoembryonic antigen-related cell adhesion molecule 6	FEBS Letters	2014	10.1002/adhm.201400291	µ-Dish 35 mm	http://dx.doi.org/10.1002/adhm.201400291
271	L. Gimenez, S. Babilon, L. Wanka, A. Beck-Sickinger and V. Gurevich	Mutations in arrestin-3 differentially affect binding to neuropeptide Y receptor subtypes	Cellular Signalling	2014	10.1002/jbio.201300170	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/jbio.201300170/abstract
272	L. Guenin-Mace, R. Veyron-Churlet, M. Thoulouze, G. Romet-Lemonne, H. Hong, P. Leadlay, A. Danckaert, M. Ruf, S. Mostowy and C. Zurzolo	Mycolactone activation of Wiskott-Aldrich syndrome proteins underpins Buruli ulcer formation	The Journal of Clinical Investigation	2014	10.1111/febs.12858	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1111/febs.12858/abstract
273	R. H. Haefeli, M. Erb, A. C. Gemperli, D. Robay, I. C. Fruh, C. Anklin, R. Dallmann and N. Gueven	NQO1-Dependent Redox Cycling of Idebenone: Effects on Cellular Redox Potential and Energy Levels	PLoS ONE	2014	10.1063/1.4904801	µ-Dish 35 mm	http://scitation.aip.org/content/aip/journal/apl/105/24/10.1063/1.4904801
274	Z. Girmatsion, P. Biliczki, I. Takac, C. Schwerthelm, S. H. Hohnloser and J. R. Ehrlich	N-Terminal Arginines Modulate Plasma-Membrane Localization of Kv7. 1/KCNE1 Channel Complexes	PLoS ONE	2014	10.1016/j.jaci.2014.07.055	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0091674914011099
275	O. Glinskii, V. Huxley, V. Glinskii, L. Rubin and V. Glinsky	Pulsed Estrogen Therapy Prevents Post-OVX Porcine Dura Mater Microvascular Network Weakening via a PDGF-BB-Dependent Mechanism	PLOS ONE	2014	10.1113/expphysiol.2014.080036	µ-Dish 35 mm	http://dx.doi.org/10.1113/expphysiol.2014.080036
276	M. R. Hansen, S. Krabbe and I. Novak	Purinergic Receptors and Calcium Signalling in Human Pancreatic Duct Cell Lines	Cellular Physiology and Biochemistry	2014	10.1016/j.bbrc.2014.10.125	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0006291X14019457
277	D. J. Anderson, J. D. Vargas, J. P. Hsiao and M. W. Hetzer	Recruitment of functionally distinct membrane proteins to chromatin mediates nuclear envelope formation in vivo	J. Cell Biol.	2014	10.1371/journal.pone.0114588	µ-Dish 35 mm	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0114588

278	D. J. Anderson and M. W. Hetzer	Reshaping of the endoplasmic reticulum limits the rate for nuclear envelope formation	J. Cell Biol.	2014	10.1371/journal.pone.0092059	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0092059
279	H. Han, J. Lee, H. Kim, S. Chae, M. Kim, G. Saravanakumar, H. Yoon, D. You, H. Ko and K. Kim	Robust PEGylated hyaluronic acid nanoparticles as the carrier of doxorubicin: Mineralization and its effect on tumor targetability in vivo	Journal of Controlled Release	2014	10.1007/s12195-014-0327-x	µ-Dish 35 mm	http://link.springer.com/article/10.1007/s12195-014-0327-x#
280	S. Gupta, N. Marcel, A. Sarin and G. V. Shivashankar	Role of Actin Dependent Nuclear Deformation in Regulating Early Gene Expression	PLoS ONE	2014	10.1038/srep04789	µ-Dish 35 mm	http://www.nature.com/srep/2014/140425/srep04789/full/srep04789.html
281	I. Bedzhov and M. Zernicka-Goetz	Self-Organizing Properties of Mouse Pluripotent Cells Initiate Morphogenesis upon Implantation	Cell	2014	10.1371/journal.ppat.1004463	µ-Dish 35 mm	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1004463#ppat-1004463-g010
282	A. Guinan, K. Rochfort, P. Fitzpatrick, T. Walsh, A. Pierotti, S. Phelan, R. Murphy and P. Cummins	Shear Stress is a Positive Regulator of Thimet Oligopeptidase (EC3. 4.24. 15) in Vascular Endothelial Cells: Consequences for MHC1 Levels	Cardiovascular research	2014	10.1002/adhm.201300613	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/adhm.201300613/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
283	P. D. Bowman, J. L. Sondeen, D. M. Prince and J. A. Bynum	The genetic response of human umbilical vein endothelial cells (HUVEC)	FASEB J	2014	10.1111/cmi.12258	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1111/cmi.12258/abstract
284	A. Goetzenich, N. Hatam, S. Preuss, A. Moza, C. Bleilevens, A. Roehl, R. Autschbach, J. Bernhagen and C. Stoppe	The role of hypoxia-inducible factor-1alpha and vascular endothelial growth factor in late-phase preconditioning with xenon, isoflurane and levosimendan in rat cardiomyocytes	Interactive cardiovascular and thoracic surgery	2014	10.1371/journal.pone.0101579	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0101579#pone-0101579-g007
285	T. Haider, R. Höftberger, B. Rüger, M. Mildner, R. Blumer, A. Mitterbauer, T. Buchacher, C. Sherif, P. Altmann and H. Redl	The secretome of apoptotic human peripheral blood mononuclear cells attenuates secondary damage following spinal cord injury in rats	Experimental neurology	2014	10.1007/s11095-014-1390-7	µ-Dish 35 mm	http://link.springer.com/article/10.1007/s11095-014-1390-7#
286	L. M. Greene, N. M. O'Boyle, D. P. Nolan, M. J. Meegan and D. M. Zisterer	The vascular targeting agent Combretastatin-A4 directly induces autophagy in adenocarcinoma-derived colon cancer cells	Biochemical Pharmacology	2014	10.1074/jbc.M114.595058	µ-Dish 35 mm	http://www.jbc.org/content/early/2014/08/18/jbc.M114.595058.abstract
287	B. Dale, G. P. McNerney, D. L. Thompson, W. Hübner, T. Huser and B. K. Chen	Visualizing Cell-to-cell Transfer of HIV using Fluorescent Clones of HIV and Live Confocal Microscopy	Journal of Visualized Experiments	2014	10.1242/jcs.140020	µ-Dish 35 mm	http://jcs.biologists.org/content/127/9/1869.short

288	H. Hayashi, Y. Eguchi, Y. Fukuchi-Nakaishi, M. Takeya, N. Nakagata, K. Tanaka, J. E. Vance and H. Tanihara	A potential neuroprotective role of apolipoprotein E-containing lipoproteins through low density lipoprotein receptor-related protein 1 in normal tension glaucoma	Journal of Biological Chemistry	2014	10.1039/C3BM60272A	µ-Dish 35 mm glass bottom	http://pubs.rsc.org/en/content/articlelanding/2014/bm/c3bm60272a/unauth#!divAbstract
289	M. J. Henderson, M. Haber, A. Porro, M. A. Munoz, N. Iraci, C. Xue, J. Murray, C. L. Flemming, J. Smith, J. I. Fletcher, S. Gherardi, C.-K. Kwek, A. J. Russell, E. Valli, W. B. London, A. B. Buxton, L. J. Ashton, A. C. Sartorelli, S. L. Cohn, M. Schwab, G. M. Marshall, G. Perini and M. D. Norris	ABCC Multidrug Transporters in Childhood Neuroblastoma: Clinical and Biological Effects Independent of Cytotoxic Drug Efflux	J Natl Cancer Inst	2014	10.1016/j.bcp.2014.03.018	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0006295214002068
290	J. Hernández-Gil, M. Cobaleda-Siles, A. Zabaleta, L. Salassa, J. Calvo and J. Mareque-Rivas	An Iron Oxide Nanocarrier Loaded with a Pt(IV) Prodrug and Immunostimulatory dsRNA for Combining Complementary Cancer Killing Effects	Advanced Healthcare Materials	2014	10.1063/1.4895459	µ-Dish 35 mm glass bottom	http://scitation.aip.org/content/aip/journal/apl/105/10/10.1063/1.4895459
291	A. Hellewell, O. Foresti, N. Gover, M. Porter and E. Hewitt	Analysis of Familial Hemophagocytic Lymphohistiocytosis Type 4 (FHL-4) Mutant Proteins Reveals that S-Acylation Is Required for the Function of Syntaxin 11 in Natural Killer Cells	PloS one	2014	10.1017/S1431927614001007	µ-Dish 35 mm glass bottom	http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9275116&fileId=S1431927614001007
292	K. Hensel, M. P. Mienkina and G. Schmitz	Analysis of Ultrasound Fields in Cell Culture Wells for In Vitro Ultrasound Therapy Experiments	Ultrasound in medicine & biology	2014	10.1016/j.peptides.2014.10.015	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0196978114003222
293	E. Hergenreider, S. Heydt, K. Treguer, T. Boettger, A. J. G. Horrevoets, A. M. Zeiher, M. P. Scheffer, A. S. Frangakis, X. Yin and M. Mayr	Atheroprotective communication between endothelial cells and smooth muscle cells through miRNAs	Nature Cell Biology	2014	10.1016/j.mce.2014.06.011	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0303720714001944
294	S. Floriot, C. Vesque, S. Rodriguez, F. Bourgain-Guglielmetti, A. Karaiskou, M. Gautier, A. Duchesne, S. Barbey, S. Fritz, A. Vasilescu and M. Bertaud	C-Nap1 mutation affects centriole cohesion and is associated with a Seckel-like syndrome in cattle	Nat Commun	2014	10.1371/journal.pone.0085237	µ-Dish 35 mm glass bottom	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0085237#pone-0085237-g006

295	S. Heinrich, E. Geissen, J. Kamenz, S. Trautmann, C. Widmer, P. Drewe, M. Knop, N. Radde, J. Hasenauer and S. Hauf	Determinants of robustness in spindle assembly checkpoint signalling	Nature cell biology	2014	10.1016/j.mbs.2014.09.007	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0025556414001771
296	I. Helmcke, S. Heumüller, R. Tikkanen, K. Schröder and R. P. Brandes	Identification of structural elements in Nox1 and Nox4 controlling localization and activity	Antioxidants & Redox Signaling	2014	10.1039/C4TB00239C	µ-Dish 35 mm glass bottom	http://pubs.rsc.org/en/content/articlelanding/2014/tb/c4tb00239c#!divAbstract
297	A. Herbst, G. T. Bommer, L. Kriegl, A. Jung, A. Behrens, E. Csanadi, M. Gerhard, C. Bolz, R. Riesenberg, W. Zimmermann, W. Dietmaier, I. Wolf, T. Brabletz, B. Göke and F. T. Kolligs	ITF-2 is disrupted via allelic loss of chromosome 18q21 and ITF-2B expression is lost at the adenoma--carcinoma transition	Gastroenterology	2014	10.1039/C4RA05310A	µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1039/C4RA05310A
298	H. Asakawa, Y. Hiraoka and T. Haraguchi	Live CLEM imaging: an application for yeast cells		2014	10.1111/j.2047-2927.2014.00243.x	µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1111/j.2047-2927.2014.00243.x
299	R. Hennig, K. Pollinger, A. Veser, M. Breunig and A. Goepferich	Nanoparticle multivalency counterbalances the ligand affinity loss upon PEGylation	Journal of Controlled Release	2014	10.1038/cddis.2014.134	µ-Dish 35 mm glass bottom	http://www.nature.com/cddis/journal/v5/n4/abs/cddis2014134a.html
300	R. Bengoechea, O. Tapia, I. Casafont, J. Berciano, M. Lafarga and M. T. Berciano	Nuclear speckles are involved in nuclear aggregation of PABPN1 and in the pathophysiology of oculopharyngeal muscular dystrophy	Neurobiology of Disease	2014	10.1242/jcs.147504	µ-Dish 35 mm glass bottom	http://jcs.biologists.org/content/127/17/3699.full.pdf+html
301	L. Herhaus, M. Al-Salihi, T. Macartney, S. Weidlich and G. Sapkota	OTUB1 enhances TGFß signalling by inhibiting the ubiquitylation and degradation of active SMAD2/3	Nature Communications	2014	10.1111/j.2047-2927.2014.00227.x	µ-Dish 35 mm glass bottom	http://onlinelibrary.wiley.com/doi/10.1111/j.2047-2927.2014.00227.x/abstract;jsessionid=BA736ADAED3A0ED385FD82F530B55B3A.f01t01?deniedAccessCustomisedMessage=&userIsAuthenticated=false
302	B. Heit, L. Liu, P. Colarusso, K. D. Puri and P. Kubes	PI3K accelerates, but is not required for, neutrophil chemotaxis to fMLP	J. Cell Sci.	2014	10.1371/journal.pone.0087263	µ-Dish 35 mm glass bottom	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0087263
303	Y. He, T. Sonnenwald, A. Sprenger, U. Hansen, J. Dengjel, L. Bruckner-Tuderman, G. Schmidt and C. Has	RhoA activation by CNFy restores cell-cell adhesion in kindlin-2 deficient keratinocytes	The Journal of Pathology	2014	10.1371/journal.pone.0098900	µ-Dish 35 mm glass bottom	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0098900#pone-0098900-g010
304	H. He, K. T.Chan and S. K.Kong	Role of nuclear tubule on the apoptosis of HeLa cells induced by femtosecond laser	Applied Physics Letters	2014	10.1371/journal.pone.0102526	µ-Dish 35 mm glass bottom	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0102526

305	A. Desai, D. Roberts, G. Richards and T. Skerry	Role of Receptor Activity Modifying Protein 1 in Function of the Calcium Sensing Receptor in the Human TT Thyroid Carcinoma Cell Line	PloS one	2014	10.1016/j.celrep.2013.12.018	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S2211124713007638
306	J. Hein and J. Nilsson	Stable MCC binding to the APC/C is required for a functional spindle assembly checkpoint	EMBO reports	2014	10.1111/boc.201400037	µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1111/boc.201400037
307	P. Hernandez-Varas, G. P. Colo, R. A. Bartolome, A. Paterson, I. Medrano-Fernandez, N. Arellano-Sanchez, C. Cabanas, P. Sanchez-Mateos, E. M. Lafuente and V. A. Boussiotis	RIAM controls invasion and growth of melanoma cells	Journal of Biological Chemistry	2014	10.1128/MCB.01024-13	µ-Dish 35 mm glass bottom, µ-Dish 35 mm	http://mcb.asm.org/content/early/2014/01/03/MCB.01024-13.abstract
308	S. Gayam and S. Wu	Redox responsive Pd(ii) templated rotaxane nanovalve capped mesoporous silica nanoparticles: a folic acid mediated biocompatible cancer-targeted drug delivery system	Journal of Materials Chemistry B	2014	10.1186/s12865-014-0060-1	µ-Dish 35 mm glass bottom, µ-Slide 8 well	http://www.biomedcentral.com/1471-2172/15/60
309	K. da Silva Lopes, A. Pietas, M. H. Radke and M. Gotthardt	Titin visualization in real time reveals an unexpected level of mobility within and between sarcomeres	J. Cell Biol.	2014	10.1371/journal.pone.0105699	µ-Dish 35 mm glass bottom, µ-Slide I Luer	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0105699
310	M. Heroult, F. Schaffner, D. Pfaff, C. Prahst, R. Kirmse, S. Kutschera, M. Riedel, T. Ludwig, P. Vajkoczy, R. Graeser and H. G. Augustin	EphB4 Promotes Site-Specific Metastatic Tumor Cell Dissemination by Interacting with Endothelial Cell-Expressed EphrinB2	Mol. Cancer Res.	2014	10.1111/and.12341	µ-Dish 35 mm glass bottom, Grid-50	http://dx.doi.org/10.1111/and.12341
311	C. R. Herron, A. M. Lowery, P. R. Hollister, A. B. Reynolds and P. A. Vincent	p120 regulates endothelial permeability independent of its N-terminus and Rho Binding	Am J Physiol Heart Circ Physiol	2014	10.1038/srep05346	µ-Dish 35 mm glass bottom, Grid-500	http://dx.doi.org/10.1038/srep05346
312	K. Hess, S. H. Alzahrani, M. Mathai, V. Schroeder, A. M. Carter, G. Howell, T. Koko, M. W. J. Strachan, J. F. Price and K. A. Smith	A novel mechanism for hypofibrinolysis in diabetes: the role of complement C3	Diabetologia	2014	10.1007/s10565-014-9278-1	µ-Dish 35 mm glass bottom,Grid-50	http://link.springer.com/article/10.1007/s10565-014-9278-1#
313	A. Hicks, A. Panitch, M. Caplan and J. D. Sweeney	An Incubatable Direct Current Stimulation System for In Vitro Studies of Mammalian Cells	BioResearch Open Access	2014	10.1111/ejn.12481	µ-Dish 35 mm high	http://onlinelibrary.wiley.com/doi/10.1111/ejn.12481/full

314	D. Heuer, A. R. Lipinski, N. Machuy, A. Karlas, A. Wehrens, F. Siedler, V. Brinkmann and T. F. Meyer	Chlamydia causes fragmentation of the Golgi compartment to ensure reproduction	Nature	2014	10.1166/jbn.2014.1806	µ-Dish 35 mm high	http://www.ingentaconnect.com/content/asp/jbn/2014/00000010/00000006/art00016
315	C. Hintze, C. Strobele, B. Ruster, S. Gottig, P. Bugert, E. Seifried and R. Henschler	Erythrocytic precursor cells show potent shear stress resistant adhesion and home to hematopoietic tissue in vivo	Transfusion	2014	10.1111/omi.12062	µ-Dish 35 mm high	http://dx.doi.org/10.1111/omi.12062
316	K. Brami-Cherrier, N. Gervasi, D. Arsenieva, K. Walkiewicz, M. Boutterin, A. Ortega, P. Leonard, B. Seantier, L. Gasmi and T. Bouceba	FAK dimerization controls its kinase-dependent functions at focal adhesions	The EMBO Journal	2014	10.3389/fmicb.2014.00353	µ-Dish 35 mm high	http://journal.frontiersin.org/Journal/10.3389/fmicb.2014.00353/pdf
317	R. Hinkel, D. Penzkofer, S. Zühlke, A. Fischer, W. Husada, Q. Xu, E. Baloch, E. van Rooij, A. Zeiher and C. Kupatt	Inhibition of MicroRNA-92a Protects Against Ischemia/Reperfusion Injury in a Large-Animal Model	Circulation	2014	10.1117/12.2052556	µ-Dish 35 mm high	http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1868486
318	R. Hinkel, T. Trenkwalder, B. Petersen and W. Husada	MRTF-A controls vessel growth and maturation by increasing the expression of CCN1 and CCN2	Nat Commun	2014	10.1111/1567-1364.12151	µ-Dish 35 mm high	http://onlinelibrary.wiley.com/doi/10.1111/1567-1364.12151/abstract
319	Y. Higashimura, Y. Naito, T. Takagi, K. Mizushima, Y. Hirai, A. Harusato, H. Ohnogi, R. Yamaji, H. Inui, Y. Nakano and T. Yoshikawa	Oligosaccharides from agar inhibit murine intestinal inflammation through the induction of heme oxygenase-1 expression	Journal of Gastroenterology	2014	10.1371/journal.pone.0085736	µ-Dish 35 mm high	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0085736
320	R. Hinkel, C. El-Aouni, T. Olson, J. Horstkotte, S. Mayer, S. Muller, M. Willhauck, C. Spitzweg, F. Gildehaus, W. Munzing, E. Hannappel, I. Bock-Marquette, J. DiMaio, A. Hatzopoulos, P. Boekstegers and C. Kupatt	Thymosin {beta}4 Is an Essential Paracrine Factor of Embryonic Endothelial Progenitor Cell-Mediated Cardioprotection	Circulation	2014	10.1038/onc.2014.265	µ-Dish 35 mm high	http://dx.doi.org/10.1038/onc.2014.265
321	Y. Deng, R. Mathaes, G. Winter and J. Engert	Encapsulation of antigen-loaded silica nanoparticles into microparticles for intradermal powder injection	European Journal of Pharmaceutical Sciences	2014	10.1371/journal.pone.0107317	µ-Dish 35 mm high, Culture-Insert	http://dx.plos.org/10.1371/journal.pone.0107317
322	M. Hirsch and M. Helm	Live cell imaging of duplex siRNA intracellular trafficking	Nucleic Acids Research	2014	10.1038/nature13817	µ-Dish 35 mm low	http://dx.doi.org/10.1038/nature13817

323	A. Höcherl, M. Dass, K. Landfester, V. Mailänder and A. Musyanovych	Competitive Cellular Uptake of Nanoparticles Made From Polystyrene, Poly (methyl methacrylate), and Polylactide	Macromolecular Bioscience	2014	10.1016/j.febslet.2014.08.023	µ-Dish 35 mm low, Culture-Insert	http://www.febsletters.org/article/S0014-5793(14)00625-5/abstract
324	M. B. Hochrein, J. A. Leierseder, L. Golubovic and J. O. Rädler	DNA Localization and Stretching on Periodically Microstructured Lipid Membranes	Physical Review Letters	2014	10.1111/jpi.12179	µ-Dish 35 mm low, Culture-Insert	http://dx.doi.org/10.1111/jpi.12179
325	M. Hocquemiller, S. Vitry, S. Bigou, J. Bruyère, J. Ausseil and J. M. Heard	GAP43 overexpression and enhanced neurite outgrowth in mucopolysaccharidosis type IIIB cortical neuron cultures	Journal of neuroscience research	2014	10.1111/bph.12947	µ-Dish 35 mm low, culture-Insert	http://dx.doi.org/10.1111/bph.12947
326	B. Hoeger, M. Diether, P. Ballester and M. Köhn	Biochemical evaluation of virtual screening methods reveals a cell-active inhibitor of the cancer-promoting phosphatases of regenerating liver	European Journal of Medicinal Chemistry	2014	10.1042/BSR20130133	µ-Dish 35 mm low, Grid-500	http://www.bioscirep.org/bsr/imps/abs/BSR20130133.htm
327	J. Banerjee, P. Ghatak, S. Roy, S. Khanna, E. Sequin, K. Bellman, B. Dickinson, P. Suri, V. Subramaniam and C. Chang	Improvement of Human Keratinocyte Migration by a Redox Active Bioelectric Dressing	PloS one	2014	10.1002/brb3.295	µ-Dish 35 mm low, Grid-500	http://dx.doi.org/10.1002/brb3.295
328	B. Flottmann, M. Gunkel, T. Lisauskas, M. Heilemann, V. Starkuviene, J. Reymann and H. Erfle	Correlative light microscopy for high-content screening	BioTechniques	2014	10.1007/s12033-014-9761-1	µ-Dish 35 mm low,Grid-500	http://link.springer.com/article/10.1007/s12033-014-9761-1#page-1
329	V. Gaspar, C. Gonçalves, D. de Melo-Diogo, E. Costa, J. Queiroz, C. Pichon, F. Sousa and I. Correia	Poly(2-ethyl-2-oxazoline)–PLA-g–PEI amphiphilic triblock micelles for co-delivery of minicircle DNA and chemotherapeutics	Journal of Controlled Release	2014	10.1038/cddis.2014.243	µ-Dish 35 mm, µ-Dish 35 mm glass bottom	http://www.nature.com/cddis/journal/v5/n6/abs/cddis2014243a.html
330	K. Hoffmann, U. Resch-Genger and R. Nitschke	Comparability of Fluorescence Microscopy Data and Need for Instrument Characterization of Spectral Scanning Microscopes	Springer Series on Fluorescence	2014	10.1007/s00109-014-1163-0	µ-Dish 35 mm, Culture-Insert	http://link.springer.com/article/10.1007/s00109-014-1163-0#
331	H. Hoffmeister, K. Babinger, S. Gürster, A. Cedzich, C. Meese, K. Schadendorf, L. Osten, U. de Vries, A. Rascle and R. Witzgall	Polycystin-2 takes different routes to the somatic and ciliary plasma membrane	J. Cell Biol.	2014	10.1371/journal.pone.0087868	µ-Dish 35 mm, Culture-Insert	http://scholar.googleusercontent.com/scholar?q=cache:UDUPrkAoxfkJ:scholar.google.com/+10.1371/journal.pone.0087868.t001+&hl=de&as_sdt=0,5
332	M. Chou, Y. Huang, T. Lin, Y. Du, P. Tsai, C. Hsieh and J. Chuang	Selective activation of Toll-like receptor 7 in activated hepatic stellate cells may modulate their profibrogenic phenotype	Biochemical Journal	2014	10.15430/JCP.2014.19.3.187	µ-Dish 35 mm, Culture-Insert	http://www.e-sciencecentral.org/articles/?scid=SC000004923

333	A. Arjonen, R. Kaukonen, E. Mattila, P. Rouhi, G. Högnäs, H. Sihto, B. Miller, J. Morton, E. Bucher and P. Taimen	Mutant p53–associated myosin-X upregulation promotes breast cancer invasion and metastasis	The Journal of clinical investigation	2014	10.1364/BOE.5.004213	µ-Dish 35 mm, DIC Lid	http://www.opticsinfobase.org/view_article.cfm?gotourl=http%3A%2F%2Fwww%2Eopticsinfobase%2Eorg%2FDirectPDFAccess%2FA515F817%2DA450%2DE1FF%2D88C918D27B335DBC%5F304554%2Fboe%2D5%2D12%2D4213%2Epdf%3Fda%3D1%26id%3D304554%26seq%3D0%26mobile%3Dno&org=
334	W. Holnthoner, K. Hohenegger, A. M. Husa, S. Muehleder, A. Meinl, A. Peterbauer-Scherb and H. Redl	Adipose-derived stem cells induce vascular tube formation of outgrowth endothelial cells in a fibrin matrix	Journal of Tissue Engineering and Regenerative Medicine	2014	10.1089/biores.2013.0045	µ-Dish 35 mm,Grid-500	http://online.liebertpub.com/doi/abs/10.1089/biores.2013.0045
335	N. Chen, Y. Huang and Y. Wang	Bioinspired affinity DNA polymers on nanoparticles for drug sequestration and detoxification	Biomaterials	2014	10.1002/bit.25210	µ-Plate 24 well	http://onlinelibrary.wiley.com/doi/10.1002/bit.25210/suppinfo
336	K. Bilecen, J. Fong, A. Cheng, C. Jones, D. Zamorano-Sánchez and F. Yildiz	Polymyxin B Resistance and biofilm formation in Vibrio cholerae is controlled by the response regulator CarR	Infection and Immunity	2014	10.1016/j.cell.2014.01.023	µ-Plate 24 well	http://www.sciencedirect.com/science/article/pii/S0092867414000750
337	J. Horsington, H. Lynn, L. Turnbull, D. Cheng, F. Braet, R. Diefenbach, C. Whitchurch, G. Karupiah and T. Newsome	A36-dependent Actin Filament Nucleation Promotes Release of Vaccinia Virus	PLoS pathogens	2014	10.1093/rpd/ncu161	µ-Plate 96 well	http://rpd.oxfordjournals.org/content/early/2014/05/16/rpd.ncu161.abstract
338	V. Gaspar, J. Marques, F. Sousa, R. Louro, J. Queiroz and I. Correia	Biofunctionalized nanoparticles with pH-responsive and cell penetrating blocks for gene delivery	Nanotechnology	2014	10.1016/j.mimet.2014.07.010	µ-Plate 96 well	http://www.sciencedirect.com/science/article/pii/S016770121400195X
339	C. Apra, L. Richard, F. Coulpier, C. Blugeon, P. Gilardi-Hebenstreit, J. M. Vallat, V. Lindner, P. Charnay and L. Decker	Cthrc1 is a negative regulator of myelination in schwann cells	Glia	2014	10.3762/bjnano.5.239	µ-Plate 96 well	http://www.beilstein-journals.org/bjnano/single/articleFullText.htm?publicId=2190-4286-5-239
340	S. Hörner, S. Fabritz, H. D. Herce, O. Avrutina, C. Dietz, R. W. Stark, M. C. Cardoso and H. Kolmar	Cube-octameric silsesquioxane-mediated cargo peptide delivery into living cancer cells	Organic & Biomolecular Chemistry	2014	10.1016/j.biomaterials.2014.03.020	µ-Plate 96 well	http://www.sciencedirect.com/science/article/pii/S0142961214002555
341	E. Horn, C. Zehetmeier and R. Zantl	Homogeneous distribution of cells in culture	BIO TECH international	2014	10.1021/ac502098w	µ-Plate 96 well	http://dx.doi.org/10.1021/ac502098w

342	S. Horschitz, F. Matthäus, A. Groß, J. Rosner, M. Galach, W. Greffrath, R. Treede, J. Utikal, P. Schloss and A. Meyer-Lindenberg	Impact of preconditioning with retinoic acid during early development on morphological and functional characteristics of human induced pluripotent stem cell-derived neurons	Stem Cell Research	2014	10.1364/OE.22.018101	µ-Plate 96 well	http://www.opticsinfobase.org/oe/abstract.cfm?uri=oe-22-15-18101
343	S. El Meshri, D. Dujardin, J. Godet, L. Richert, C. Boudier, J. Darlix, P. Didier, Y. Mély and H. de Rocquigny	Role of the Nucleocapsid Domain in HIV-1 Gag Oligomerization and Trafficking to the Plasma Membrane: A Fluorescence Lifetime Imaging Microscopy Investigation	Journal of Molecular Biology	2014	10.1074/jbc.M114.614578	µ-Plate 96 well	http://www.jbc.org/content/early/2014/12/12/jbc.M114.614578.abstract
344	D. Horst, S. K. Scheel, S. Liebmann, J. Neumann, S. Maatz, T. Kirchner and A. Jung	The cancer stem cell marker CD133 has high prognostic impact but unknown functional relevance for the metastasis of human colon cancer	The Journal of Pathology	2014	10.1172/JCI74349	µ-Plate 96 well	http://www.jci.org/articles/view/74349
345	J. Hoyer, U. Schatzschneider, M. Schulz-Siegmund and I. Neundorf	Dimerization of a cell-penetrating peptide leads to enhanced cellular uptake and drug delivery	Beilstein Journal of Organic Chemistry	2014	10.1084/jem.20132336	µ-Slide 18 well flat	http://jem.rupress.org/content/early/2014/05/27/jem.20132336.short
346	H.-Y. Hsieh, T.-W. Huang, J.-L. Xiao, C.-S. Yang, C.-C. Chang, C.-C. Chu, L.-W. Lo, S.-H. Wang, P.-C. Wang, C.-C. Chieng, C.-H. Lee and F.-G. Tseng	Fabrication and modification of dual-faced nano-mushrooms for tri-functional cell theranostics: SERS/fluorescence signaling, protein targeting, and drug delivery	Journal of Materials Chemistry	2014	10.1371/journal.pone.0096635	µ-Slide 18 well flat	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0096635
347	N. Hosny, C. Fitzgerald, C. Tong, M. Kalberer, M. Kuimova and F. Pope	Fluorescent lifetime imaging of atmospheric aerosols: A direct probe of aerosol viscosity	Faraday Discuss.	2014	10.1111/ijlh.12313	µ-Slide 18 well flat	http://dx.doi.org/10.1111/ijlh.12313
348	Q. Hou, H. Tan, K. Lim, T. Lim, A. Khoo, I. Tan, K. Yeoh and M. Chung	Identification and Functional Validation of Caldesmon as a Potential Gastric Cancer Metastasis-associated Protein	Journal of proteome research	2014	10.1038/nprot.2014.032	µ-Slide 18 well flat	http://www.nature.com/nprot/journal/v9/n3/full/nprot.2014.032.html
349	C. Brennenstuhl, N. Tanimoto, M. Burkard, R. Wagner, S. Bolz, D. Trifunovic and C. Kabagema-Bilan	Targeted ablation of Pde6h in mice reveals cross-species differences in cone and rod phototransduction protein inventory	Journal of Biological Chemistry	2014	10.4161/19491034.2014.970107	µ-Slide 18 well flat	http://dx.doi.org/10.4161/19491034.2014.970107
350	J. D. Benazet, E. Pignatti, A. Nugent, E. Unal, F. Laurent and R. Zeller	Smad4 is required to induce digit ray primordia and to initiate the aggregation and differentiation of chondrogenic progenitors in mouse limb buds	Development	2014	10.1038/ncomms5645	µ-Slide 2 well	http://dx.doi.org/10.1038/ncomms5645

351	S. Hu, X. Gou, H. Han, A. Leung and D. Sun	Manipulating cell adhesions with optical tweezers for study of cell-to-cell Interactions	Journal of biomedical nanotechnology	2014	10.1016/j.ultramic.2014.05.009	µ-Slide 2x9 well	http://www.sciencedirect.com/science/article/pii/S0304399114001090
352	S. Irtegun, R. Wood, K. Lackovic, J. Schweiggert, Y. M. Ramdzan, D. C. Huang, T. D. Mulhern and D. M. Hatters	A Biosensor of Src Family Kinase Conformation by Exposable Tetracysteine Useful for Cell-Based Screening	ACS Chemical Biology	2014	10.1016/j.febslet.2014.02.057	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0014579314001860
353	S. Dokudovskaya, F. Waharte, A. Schlessinger, U. Pieper, D. P. Devos, I. M. Cristea, R. Williams, J. Salamero, B. T. Chait, A. Sali, M. C. Field, M. P. Rout and C. Dargemont	A Conserved Coatomer-related Complex Containing Sec13 and Seh1 Dynamically Associates With the Vacuole in Saccharomyces cerevisiae	Mol. Cell. Proteomics	2014	10.1073/pnas.1314505111	µ-Slide 8 well	http://www.pnas.org/content/early/2014/03/05/1314505111.short
354	P. Cook, H. Owen, A. Deaton, J. Borger, S. Brown, T. Clouaire, G. Jones, L. Jones, R. Lundie and A. Marley	A dominant role for the methyl-CpG-binding protein Mbd2 in controlling Th2 induction by dendritic cells	Nat Commun	2014	10.4049/jimmunol.1300261	µ-Slide 8 well	http://www.jimmunol.org/content/early/2014/01/31/jimmunol.1300261.short
355	H. Kim, B. Rao, J. Jeong, S. Mallick, S. Kang, J. Choi, C. Lee and Y. Son	A highly selective dual-channel Cu2+ and Al3+ chemodosimeter in aqueous systems: Sensing in living cells and microfluidic flows	Sensors and Actuators B: Chemical	2014	10.1007/s12015-013-9493-9	µ-Slide 8 well	http://link.springer.com/article/10.1007/s12015-013-9493-9#
356	R. Kim, K. Lou and M. L. Kraft	A new, long-wavelength borondipyrromethene sphingosine for studying sphingolipid dynamics in live cells	Journal of Lipid Research	2014	10.1016/j.toxlet.2014.02.006	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0378427414000757
357	T. Jin, L. Li, R. Siow and K. Liu	A novel collagen gel-based measurement technique for quantitation of cell contraction force	Journal of The Royal Society Interface	2014	10.1186/s12951-014-0035-7	µ-Slide 8 well	http://www.biomedcentral.com/content/pdf/s12951-014-0035-7.pdf
358	A. Jahromi, L. Nguyen, Y. Fu, K. Miller, A. Baranger and S. Zimmerman	A Novel CUGexp· MBNL1 Inhibitor with Therapeutic Potential for Myotonic Dystrophy Type 1	ACS chemical biology	2014	10.1371/journal.pone.0104999	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0104999
359	M. S. Kim, S. K. Yoon, F. Bollig, J. Kitagaki, W. Hur, N. J. Whye, Y.-P. Wu, M. N. Rivera, J. Y. Park, H.-S. Kim, K. Malik, D. W. Bell, C. Englert, A. O. Perantoni and S. B. Lee	A Novel Wilms Tumor 1 (WT1) Target Gene Negatively Regulates the WNT Signaling Pathway	J. Biol. Chem.	2014	10.1016/j.fgb.2014.06.006	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1087184514001091

360	L. H. Bussmann, A. Schubert, T. P. Vu Manh, L. De Andres, S. C. Desbordes, M. Parra, T. Zimmermann, F. Rapino, J. Rodriguez-Ubreva and E. Ballestar	A Robust and Highly Efficient Immune Cell Reprogramming System	Cell Stem Cell	2014	10.1128/mBio.01909-14	µ-Slide 8 well	http://mbio.asm.org/content/5/5/e01909-14.full.pdf+html
361	F. Koban, A. El-Kasaby, C. Häusler, T. Stockner, B. Simbrunner, H. Sitte, M. Freissmuth and S. Sucic	A salt bridge linking the first intracellular loop with the C-terminus facilitates the folding of the serotonin transporter	Journal of Biological Chemistry	2014	10.1002/bit.25471	µ-Slide 8 well	http://dx.doi.org/10.1002/bit.25471
362	J. Jacobelli, M. Matthews, S. Chen and M. Krummel	Activated T Cell Trans-Endothelial Migration Relies on Myosin-IIA Contractility for Squeezing the Cell Nucleus through Endothelial Cell Barriers	PloS one	2014	10.1016/j.biomaterials.2014.08	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0142961214009168
363	M. Bleackley, J. Wiltshire, S. Perrine-Walker, S. Vasa, R. Burns and N. van der Weerden	Agp2p, the Plasma Membrane	Antimicrobial Agents and Chemotherapy	2014	10.1371/journal.pntd.0003308	µ-Slide 8 well	http://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0003308
364	C. Jones, C. Ryder, E. Mann and D. Wozniak	AmrZ modulates Pseudomonas aeruginosa biofilm architecture by directly repressing transcription of the psl operon	Journal of bacteriology	2014	10.1371/journal.pone.0095598	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0095598
365	T. Komatsu, K. Nagata and H. Wodrich	An adenovirus DNA replication factor, but not incoming genome complexes, targets PML nuclear bodies	Journal of Virology	2014	10.1242/jcs.134379	µ-Slide 8 well	http://jcs.biologists.org/content/early/2014/03/07/jcs.134379.short
366	A. Gautier, A. Juillerat, H. Ceinis, I. R. J. Corrêa, M. Kindermann, F. Beaufils and K. Johnsson	An Engineered Protein Tag for Multiprotein Labeling in Living Cells	Chemistry and Biology	2014	10.1085/jgp.201311159	µ-Slide 8 well	http://jgp.rupress.org/content/144/1/71.abstract
367	M. Klemke, E. Kramer, M. H. Konstandin, G. H. Wabnitz and Y. Samstag	An MEK-cofilin signalling module controls migration of human T cells in 3D but not 2D environments	The EMBO Journal	2014	10.1002/glia.22757	µ-Slide 8 well	http://dx.doi.org/10.1002/glia.22757
368	M. Geissbuehler, Z. Kadlecova, H. A. Klok and T. Lasser	Assessment of transferrin recycling by Triplet Lifetime Imaging in living cells	Biomed. Opt. Express	2014	10.1007/s12035-014-8665-1	µ-Slide 8 well	http://link.springer.com/article/10.1007/s12035-014-8665-1#
369	S. B. Kim, Y. Ito and M. Torimura	Bioluminescent Capsules for Live-Cell Imaging	Bioconjugate Chemistry	2014	10.1074/jbc.M113.520189	µ-Slide 8 well	http://www.jbc.org/content/early/2014/01/14/jbc.M113.520189.abstract

370	H. Koo, M. Choi, E. Kim, S. Hahn, R. Weissleder and S. Yun	Bioorthogonal Click Chemistry-Based Synthetic Cell Glue	Small	2014	10.1038/cdd.2014.66	µ-Slide 8 well	http://www.nature.com/cdd/journal/vaop/ncurrent/full/cdd201466a.html
371	M. Kjos, R. Aprianto, V. Fernandes, P. Andrew, J. van Strijp, R. Nijland and J. Veening	Bright fluorescent Streptococcus pneumoniae for live cell imaging of host-pathogen interactions	Journal of bacteriology	2014	10.1074/jbc.M113.527127	µ-Slide 8 well	http://www.jbc.org/content/early/2014/04/09/jbc.M113.527127.short
372	T. Jung, W. Gross and M. Zoller	CD44v6 Coordinates Tumor Matrix-triggered Motility and Apoptosis Resistance	J. Biol. Chem.	2014	10.3109/17435390.2014.969791	µ-Slide 8 well	http://informahealthcare.com/doi/abs/10.3109/17435390.2014.969791
373	X. Gaume, A. Tassin, I. Ugrinova, F. Mongelard, K. Monier and P. Bouvet	Centrosomal nucleolin is required for microtubule network organization	Cell Cycle	2014	10.7554/eLife.04070	µ-Slide 8 well	http://elifesciences.org/elife/download-pdf/10.7554/eLife.04070/The%20rosetteless%20gene%20controls%20development%20in%20the%20choanoflagellate%20S.%20rosetta.pdf/1
374	K. Kemege, J. Hickey, M. Barta, J. Wickstrum, N. Balwalli, S. Lovell, K. Battaile and P. Hefty	Chlamydia trachomatis protein CT009 is a structural and functional homolog to the key morphogenesis component RodZ and interacts with division septal plane localized MreB	Molecular Microbiology	2014	10.4049/jimmunol.1302669	µ-Slide 8 well	http://www.jimmunol.org/content/early/2014/06/30/jimmunol.1302669.abstract
375	D. M. Iser, N. Warner, P. A. Revill, A. Solomon, F. Wightman, S. Saleh, M. Crane, P. U. Cameron, S. Bowden, T. Nguyen, C. F. Pereira, P. V. Desmond, S. A. Locarnini and S. R. Lewin	Coinfection of Hepatic Cell Lines with Human Immunodeficiency Virus and Hepatitis B Virus Leads to an Increase in Intracellular Hepatitis B Surface Antigen	Journal of Virology	2014	10.1016/j.bcp.2014.07.009	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0006295214004158
376	A. Kondrashina, V. Ogurtsov and D. Papkovsky	Comparison of the three optical platforms for measurement of cellular respiration	Analytical Biochemistry	2014	10.1186/s12915-014-0063-7	µ-Slide 8 well	http://www.biomedcentral.com/1741-7007/12/63
377	X. Cheng, M. Joseph, J. A. Covington, T. Dafforn, M. R. Hicks and A. Rodger	Continuous channel flow linear dichroism	Analytical Methods	2014	10.1016/j.placenta.2014.07.005	µ-Slide 8 well	http://linkinghub.elsevier.com/retrieve/pii/S0143400414006067?showall=true
378	T. Di Luccio, A. M. Laera, L. Tapfer, S. Kempter, R. Kraus and B. Nickel	Controlled nucleation and growth of CdS nanoparticles in a polymer matrix	Arxiv preprint cond-mat/0607483	2014	10.1074/jbc.M114.572594	µ-Slide 8 well	http://www.jbc.org/content/early/2014/09/18/jbc.M114.572594.abstract
379	X. Jiang, T. Nguyen, W. Tian, Y. Sung, K. Yuan, J. Qian, J. Rajadas, J. Sallenave, N. Nickel, V. de Jesus Perez, M. Rabinovitch and M. R. Nicolls	Cyclosporine Does Not Prevent Microvascular Loss in Transplantation but Can Synergize With a Neutrophil Elastase Inhibitor, Elafin, to Maintain Graft Perfusion During Acute Rejection	American Journal of Transplantation	2014	10.1074/jbc.M113.533489	µ-Slide 8 well	http://www.jbc.org/content/early/2014/02/26/jbc.M113.533489.short

380	C. Cordier, F. Boutimah, M. Bourdeloux, F. Dupuy, E. Met, P. Alberti, F. Loll, G. Chassaing, F. Burlina and T. Saison-Behmoaras	Delivery of Antisense Peptide Nucleic Acids to Cells by Conjugation with Small Arginine-Rich Cell-Penetrating Peptide (R/W) 9	PloS one	2014	10.1038/srep07125	µ-Slide 8 well	http://dx.doi.org/10.1038/srep07125
381	Y. Kam, A. Rubinstein, S. Naik, I. Djavsarov, D. Halle, I. Ariel, A. Gure, A. Stojadinovic, H. Pan and V. Tsivin	Detection of a long non-coding RNA (CCAT1) in living cells and human adenocarcinoma of colon tissues using FIT-PNA molecular beacons	Cancer letters	2014	10.1021/cb500242q	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/cb500242q
382	M. Kienitz, E. Mintert-Jancke, F. Hertel and L. Pott	Differential effects of genetically-encoded G-beta-gamma scavengers on receptor-activated and basal Kir3. 1/Kir3. 4 channel current in rat atrial myocytes	Cellular signalling	2014	10.1016/j.carbpol.2014.04.093	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0144861714004573
383	A. Juin, J. Di Martino, B. Leitinger, E. Henriet, A. Gary, L. Paysan, J. Bomo, G. Baffet, C. Gauthier-Rouvière and J. Rosenbaum	Discoidin domain receptor 1 controls linear invadosome formation via a Cdc42–Tuba pathway	The Journal of cell biology	2014	10.1016/j.jconrel.2014.06.040	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0168365914004490
384	A. G. H. Janssen, U. Scholl, C. Domeyer, D. Nothmann, A. Leinenweber and C. Fahlke	Disease-Causing Dysfunctions of Barttin in Bartter Syndrome Type IV	J. Am. Soc. Nephrol.	2014	10.1002/adfm.201400763	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/adfm.201400763/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
385	F. C. Clement, N. Kaczmarek, N. Mathieu, M. Tomas, A. Leitenstorfer, E. Ferrando-May and H. Naegeli	Dissection of the xeroderma pigmentosum group C protein function by site-directed mutagenesis	Antioxidants & Redox Signaling	2014	10.1074/jbc.M114.573956	µ-Slide 8 well	http://www.jbc.org/content/early/2014/12/22/jbc.M114.573956.abstract
386	K. Kasten, H. Goetzman, M. Reid, A. Rasper, S. Adediran, C. Robinson, C. Cave, J. Solomkin, A. Lentsch and J. Johannigman	Divergent adaptive and innate immunological responses are observed in humans following blunt trauma	BMC immunology	2014	10.1021/np4008014	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/np4008014
387	M. Köttgen, A. Hofherr, W. Li, K. Chu, S. Cook, C. Montell and T. Watnick	Drosophila Sperm Swim Backwards in the Female Reproductive Tract and Are Activated via TRPP2 Ion Channels	PLoS ONE	2014	10.1371/journal.pone.0085836	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0085836#pone-0085836-g007
388	I. Frolov, M. Akhrymuk, I. Akhrymuk, S. Atasheva and E. I. Frolova	Early events in alphavirus replication determine the outcome of infection	Journal of Virology	2014	10.1124/jpet.114.214254	µ-Slide 8 well	http://jpet.aspetjournals.org/content/early/2014/04/24/jpet.114.214254.abstract
389	K. Iqbal, S. Ohl, B. Khoo, J. Neo and A. Fawzy	Effect of High-Intensity Focused Ultrasound on Enterococcus Faecalis Planktonic Suspensions and Biofilms	Ultrasound in medicine & biology	2014	10.1038/cdd.2014.7	µ-Slide 8 well	http://www.nature.com/cdd/journal/vaop/ncurrent/full/cdd20147a.html

390	M. Kim, M. Lee, B. Kwon, H. Seo, M. Koo, K. You, D. Kim and J. Park	Effects of direct current electric-field using ITO plate on breast cancer cell migration	Biomaterials Research	2014	10.1128/AAC.02391-14	µ-Slide 8 well	http://aac.asm.org/content/early/2014/03/18/AAC.02391-14.abstract
391	I. L. A. Geenen, D. G. M. Molin, N. M. S. Akker, F. Jeukens, H. M. Spronk, G. W. H. Schurink and M. J. Post	Endothelial cells (ECs) for vascular tissue engineering: venous ECs are less thrombogenic than arterial ECs	Journal of Tissue Engineering and Regenerative Medicine	2014	10.1074/jbc.M114.564997	µ-Slide 8 well	http://www.jbc.org/content/early/2014/07/10/jbc.M114.564997.abstract
392	M. Jarzebski, T. Sliwa, M. Jarzebska and K. Szutkowski	FABRICATION OF SIZE-TUNABLE SILICA PARTICLES DURING SEED-GROWTH PROCESS	Current Topics in Biophysics	2014	10.1016/j.celrep.2014.04.026	µ-Slide 8 well	http://www.cell.com/cell-reports/abstract/S2211-1247(14)00328-3?_returnURL=http%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS2211124714003283%3Fshowall%3Dtrue?_returnURL=http%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS2211124714003283%3Fshowall%3Dtrue
393	J. Konings, J. W. P. Govers-Riemslag, H. Philippou, N. J. Mutch, J. I. Borissoff, P. Allan, S. Mohan, G. Tans, H. ten Cate and R. A. S. Ariens	Factor XIIa regulates the structure of the fibrin clot independently of thrombin generation through direct interaction with fibrin	Blood	2014	10.1242/dev.113001	µ-Slide 8 well	http://dev.biologists.org/content/141/22/4231.full
394	M. Jenkins, J. Rudd-Schmidt, J. A. Lopez, K. M. Ramsbottom, S. I. Mannering, D. M. Andrews, I. Voskoboinik and J. A. Trapani	Failed CTL/NK cell killing and cytokine hypersecretion are directly linked through prolonged synapse time	The Journal of Experimental Medicine	2014	10.1093/nar/gku1082	µ-Slide 8 well	http://nar.oxfordjournals.org/content/early/2014/11/05/nar.gku1082.abstract
395	T. B. Deramaudt, D. Dujardin, A. Hamadi, F. Noulet, K. Kolli, J. De Mey, K. Takeda and P. Ronde	FAK phosphorylation at Tyr-925 regulates cross-talk between focal adhesion turnover and cell protrusion	Molecular Biology of the Cell	2014	10.1038/ncomms5181	µ-Slide 8 well	http://dx.doi.org/10.1038/ncomms5181
396	E. I. Frolova, R. Gorchakov, L. Pereboeva, S. Atasheva and I. Frolov	Functional Sindbis Virus Replicative Complexes Are Formed at the Plasma Membrane	Journal of Virology	2014	10.1111/febs.12587	µ-Slide 8 well	http://dx.doi.org/10.1111/febs.12587
397	S. Bhatia, P. Prabhu, A. Benefiel, M. Miller, J. Chow, S. Davis and H. Gaskins	Galacto-oligosaccharides may directly enhance intestinal barrier function through the modulation of goblet cells	Molecular Nutrition & Food Research	2014	10.1111/jth.12514	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/jth.12514/abstract
398	A. Kasten, T. Naser, K. Brüllhoff, J. Fiedler, P. Müller, M. Möller, J. Rychly, J. Groll and R. Brenner	Guidance of Mesenchymal Stem Cells on Fibronectin Structured Hydrogel Films	PLOS ONE	2014	10.1016/jbbamem.2014.08.007	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0005273614002892

399	J. Bruyère, E. Roy, J. Ausseil, T. Lemonnier, G. Teyre, D. Bohl, S. Etienne-Manneville, H. Lortat-Jacob, J. Heard and S. Vitry	Heparan sulphate saccharides modify focal adhesions: Implication in mucopolysaccharidosis neuropathophysiology	Journal of Molecular Biology	2014	10.1128/mBio.00839-13	µ-Slide 8 well	http://mbio.asm.org/content/5/1/e00839-13.abstract
400	P. Kos, U. Lachelt, A. Herrmann, F. Mickler, M. Doblinger, D. He, A. Krhac Levacic, S. Morys, C. Brauchle and E. Wagner	Histidine-rich stabilized polyplexes for cMet-directed tumor-targeted gene transfer	Nanoscale	2014	10.1016/j.dnarep.2014.05.007	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1568786414001542
401	A. Kendall, J. Whatmore, P. Winyard, G. Smerdon and P. Eggleton	Hyperbaric oxygen treatment reduces neutrophil-endothelial adhesion in chronic wound conditions through S-nitrosation	Wound Repair and Regeneration	2014	10.1007/s11095-014-1347-x	µ-Slide 8 well	http://link.springer.com/article/10.1007/s11095-014-1347-x#
402	S. P. Hung, J. H. Ho, Y. R. V. Shih, T. Lo and O. K. Lee	Hypoxia promotes proliferation and osteogenic differentiation potentials of human mesenchymal stem cells	Journal of Orthopaedic Research	2014	10.1172/JCI67280	µ-Slide 8 well	http://www.jci.org/articles/view/67280?key=d825f4edfaca163d9ebe
403	V. Jankowski, M. Tölle, T. Tran, M. van der Giet, M. Schuchardt, K. Lehmann, D. Janke, B. Flick, A. Ortiz and N. Sanchez	Identification of a Potent Endothelium-Derived Angiogenic Factor	PloS one	2014	10.1016/j.ejpb.2014.09.013	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0939641114002847
404	A. Kahlig, J. Hansmann, F. Groeber, T. Schwarz, J. Weyhmüller, A. Illig, C. Kleinhans and H. Walles	In silico approaches for the identification of optimal culture condition for tissue engineered bone substitutes	Curr. Anal. Chem	2014	10.1002/mabi.201400167	µ-Slide 8 well	http://dx.doi.org/10.1002/mabi.201400167
405	S. Kalies, G. Antonopoulos, M. Rakoski, D. Heinemann, M. Schomaker, T. Ripken and H. Meyer	Investigation of Biophysical Mechanisms in Gold Nanoparticle Mediated Laser Manipulation of Cells Using a Multimodal Holographic and Fluorescence Imaging Setup		2014	10.1038/srep03708	µ-Slide 8 well	http://www.nature.com/srep/2014/140115/srep03708/full/srep03708.html
406	K. Jameson, P. Mazur, A. Zehnder, J. Zhang, B. Zarnegar, J. Sage and P. Khavari	IQGAP1 scaffold-kinase interaction blockade selectively targets RAS-MAP kinase-driven tumors	Nature medicine	2014	10.1016/j.bbrc.2014.08.024	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0006291X14014399
407	A. Brödel, A. Sonnabend, L. Roberts, M. Stech, D. Wüstenhagen and S. Kubick	IRES-Mediated Translation of Membrane Proteins and Glycoproteins in Eukaryotic Cell-Free Systems	PloS one	2014	10.1186/1750-1326-9-52	µ-Slide 8 well	http://www.molecularneurodegeneration.com/content/pdf/1750-1326-9-52.pdf

408	C. Klingner, A. Cherian, J. Fels, P. Diesinger, R. Aufschnaiter, N. Maghelli, T. Keil, G. Beck, I. Tolic-Nörrelykke and M. Bathe	Isotropic actomyosin dynamics promote organization of the apical cell cortex in epithelial cells	The Journal of cell biology	2014	10.1371/journal.pone.0100692	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0100692
409	P. Gasperini, G. Espigol-Frigole, P. J. McCormick, O. Salvucci, D. Maric, T. S. Uldrick, M. N. Polizzotto, R. Yarchoan and G. Tosato	Kaposi sarcoma herpesvirus promotes endothelial-to-mesenchymal transition through Notch-dependent signaling	Cancer Research	2014	10.1002/anie.201405719	µ-Slide 8 well	http://dx.doi.org/10.1002/anie.201405719
410	T. Jiffar, T. Yilmaz, J. Lee, E. Hanna, A. El-Naggar, D. Yu, J. N. Myers and M. E. Kupferman	KiSS1 mediates platinum sensitivity and metastasis suppression in head and neck squamous cell carcinoma	Oncogene	2014	10.1007/s12035-014-8980-6	µ-Slide 8 well	http://dx.doi.org/10.1007/s12035-014-8980-6
411	K. Gambaro, M. Quinn, K. Cáceres-Gorriti, R. Shapiro, D. Provencher, K. Rahimi, A. Mes-Masson and P. Tonin	Low levels of IGFBP7 expression in high-grade serous ovarian carcinoma is associated with patient outcome	BMC cancer	2014	10.1371/journal.pone.0110195	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0110195#pone-0110195-g007
412	L. Flebus, F. Lombart, C. Sevrin, J. Defraigne, P. Peters, L. Parhamifar, D. Molin and C. Grandfils	Low molecular weight poly (2-dimethylamino ethylmethacrylate) polymers with controlled positioned fluorescent labeling: Synthesis, characterization and in vitro interaction with human endothelial cells	International Journal of Pharmaceutics	2014	10.1242/bio.20149571	µ-Slide 8 well	http://bio.biologists.org/content/early/2014/10/31/bio.20149571.short
413	T. A. Jokela, J. Kuokkanen, R. Kärnä, S. Pasonenâ€?SeppÃ¤nen, K. Rilla, J. Kössi, M. Laato, R. H. Tammi and M. I. Tammi	Mannose reduces hyaluronan and leukocytes in wound granulation tissue and inhibits migration and hyaluronanâ€?dependent monocyte binding	Wound Repair and Regeneration	2014	10.1088/0957-4484/25/4/045102	µ-Slide 8 well	http://iopscience.iop.org/0957-4484/25/4/045102
414	G. Diogo, V. Gaspar, I. Serra, R. Fradique and I. Correia	Manufacture of beta-TCP/alginate scaffolds through a Fab-at home model for application in bone tissue engineering	Biofabrication	2014	10.1371/journal.pone.0089824	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0089824#pone-0089824-g009
415	V. Franekova, Y. Angin, N. Hoebers, W. Coumans, P. Simons, J. Glatz, J. Luiken and T. Larsen	Marine omega-3 fatty acids prevent myocardial insulin resistance and metabolic remodeling as induced experimentally by high insulin exposure	American Journal of Physiology-Cell Physiology	2014	10.1021/bc4004487	µ-Slide 8 well	http://dx.doi.org/10.1021/bc4004487

416	T. Iino, T. Furuno, M. Hagiyama, A. Ito and Y. Hosokawa	Mechanical response of single nerve cells estimated by femtosecond laser-induced impulsive force	SPIE LASE	2014	10.4049/jimmunol.1400478	µ-Slide 8 well	http://www.jimmunol.org/content/193/4/1954.short
417	V. Kahl, A. Gansen, R. Galneder and J. O. Rädler	Microelectrophoresis in a laser trap: A platform for measuring electrokinetic interactions and flow properties within microstructures	Review of Scientific Instruments	2014	10.1002/path.4350	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/path.4350/abstract
418	T. Izumi, R. Burdick, M. Shigemi, S. Plisov, W. Hu and V. Pathak	Mov10 and APOBEC3G Localization to Processing Bodies Is Not Required for Virion Incorporation and Antiviral Activity	Journal of virology	2014	10.1177/1091581814560032	µ-Slide 8 well	http://ijt.sagepub.com/content/early/2014/11/21/1091581814560032.abstract
419	G. Gambino, J. Engelmann, L. Tei, M. Botta, N. Logothetis and I. Mamedov	Multimodal contrast agents for< i> in vivo</i> neuroanatomical analysis of monosynaptic connections	Biomaterials	2014	10.1073/pnas.1411649111	µ-Slide 8 well	http://www.pnas.org/content/111/41/E4376.short
420	G. Burgstaller, B. Oehrle, I. Koch, M. Lindner and O. Eickelberg	Multiplex Profiling of Cellular Invasion in 3D Cell Culture Models	PloS one	2014	10.1371/journal.pone.0108202	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0108202
421	G. Germena, S. Volmering, C. Sohlbach and A. Zarbock	Mutation in the CD45 Inhibitory Wedge Modulates Integrin Activation and Leukocyte Recruitment during Inflammation	The Journal of Immunology	2014	10.1128/mBio.01536-14	µ-Slide 8 well	http://mbio.asm.org/content/5/4/e01536-14.full
422	T. Kahles, P. Luedike, M. Endres, H.-J. Galla, H. Steinmetz, R. Busse, T. Neumann-Haefelin and R. P. Brandes	NADPH Oxidase Plays a Central Role in Blood-Brain Barrier Damage in Experimental Stroke	Stroke	2014	10.1002/embr.201337496	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/embr.201337496/abstract;jsessionid=CEF2D3EA6705236638418C2930A4CE4C.f02t02?deniedAccessCustomisedMessage=&userIsAuthenticated=false
423	J. S. Kim, E. J. Bak, B. C. Lee, Y. S. Kim, J. B. Park and I. G. Choi	Neuregulin induces HaCaT keratinocyte migration via Rac1-mediated NADPH-oxidase activation	Journal of Cellular Physiology	2014	10.1124/jpet.114.213777	µ-Slide 8 well	http://jpet.aspetjournals.org/content/early/2014/05/21/jpet.114.213777.short
424	S. Buhner, B. Braak, Q. Li, E. Kugler, T. Klooker, M. Wouters, J. Donovan, S. Vignali, G. Mazzuoli-Weber, D. Grundy, G. Boeckxstaens and M. Schemann	Neuronal activation by mucosal biopsy supernatants from Irritable Bowel Syndrome patients is linked to visceral sensitivity	Experimental Physiology	2014	10.1093/nar/gku1132	µ-Slide 8 well	http://nar.oxfordjournals.org/content/early/2014/11/26/nar.gku1132.abstract
425	F. Imeri, D. Fallegger, A. Zivkovic, S. Schwalm, G. Enzmann, K. Blankenbach, D. Meyer zu Heringdorf, T. Homann, B. Kleuser and J. Pfeilschifter	Novel oxazolo-oxazole derivatives of FTY720 reduce endothelial cell permeability, immune cell chemotaxis and symptoms of experimental autoimmune encephalomyelitis in mice	Neuropharmacology	2014	10.1038/ncb2926	µ-Slide 8 well	http://www.nature.com/ncb/journal/v16/n4/full/ncb2926.html

426	V. Gérard, M. Freeley, E. Defrancq, A. Fedorov and Y. Gun'ko	Optical Properties and In Vitro Biological Studies of Oligonucleotide-Modified Quantum Dots	Journal of Nanomaterials	2014	10.1088/1758-5082/6/2/025001	µ-Slide 8 well	http://iopscience.iop.org/1758-5090/6/2/025001
427	G. Kowalsky, F. J. Byfield and I. Levitan	oxLDL facilitates flow-induced realignment of human aortic endothelial cells	Am J Physiol Cell Physiol	2014	10.1093/nar/gku1369	µ-Slide 8 well	http://nar.oxfordjournals.org/content/early/2014/12/29/nar.gku1369.full.pdf+html
428	M. C. Kienitz, K. Bender, R. Dermietzel, L. Pott and G. Zoidl	Pannexin 1 Constitutes the Large Conductance Cation Channel of Cardiac Myocytes	Journal of Biological Chemistry	2014	10.1074/jbc.M114.601104	µ-Slide 8 well	http://www.jbc.org/content/289/49/34296.abstract
429	C. Jung, N. Ruthardt, R. Lewis, J. Michaelis, B. Sodeik, F. Nolde, K. Peneva, K. Müllen and C. Bräuchle	Photophysics of New Water-Soluble Terrylenediimide Derivatives and Applications in Biology	ChemPhysChem	2014	10.1016/j.lfs.2014.09.031	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0024320514008236
430	A. Itakura and O. McCarty	Pivotal role for the mTOR pathway in the formation of neutrophil extracellular traps (NETs) via regulation of autophagy	American Journal of Physiology-Cell Physiology	2014	10.1364/OE.22.021944	µ-Slide 8 well	http://www.opticsexpress.org/abstract.cfm?URI=oe-22-18-21944
431	E. Anitua, M. Sanchez, J. Merayo-Lloves, M. De la Fuente, F. Muruzabal and G. Orive	Plasma rich in growth factors (PRGF-Endoret) stimulates proliferation and migration of primary keratocytes and conjunctival fibroblasts while inhibits and reverts TGF- 1-induced myodifferentiation	Investigative Ophthalmology & Visual Science	2014	10.1038/ncomms6216	µ-Slide 8 well	http://dx.doi.org/10.1038/ncomms6216
432	E. Kraus, K. Kraus, T. Obser, F. Oyen, U. Klemm, R. Schneppenheim and M. Brehm	Platelet-free shear flow assay facilitates analysis of shear-dependent functions of VWF and ADAMTS13	Thrombosis Research	2014	10.1371/journal.pone.0102341	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0102341#pone-0102341-g001
433	K. Kessenbrock, L. Fröhlich, M. Sixt, T. Lämmermann, H. Pfister, A. Bateman, A. Belaaouaj, J. Ring, M. Ollert, R. Fässler and D. Jenne	Proteinase 3 and neutrophil elastase enhance inflammation in mice by inactivating antiinflammatory progranulin	Journal of Clinical Investigation	2014	10.1016/j.ijpharm.2014.02.037	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0378517314001306
434	I. Karpenko, Y. Niko, V. Yakubovskyi, A. Gerasov, D. Bonnet, Y. Kovtun and A. Klymchenko	Push-pull dioxaborine as fluorescent molecular rotor: far-red fluorogenic probe for ligand-receptor interactions	Journal of Materials Chemistry C	2014	10.1128/JB.02221-14	µ-Slide 8 well	http://jb.asm.org/content/early/2014/12/11/JB.02221-14.short
435	T. Kawase, T. Tanaka, K. Okuda, M. Tsuchimochi, M. Oda and T. Hara	Quantitative single-cell motility analysis of platelet-rich plasma-treated endothelial cells in vitro	Cytoskeleton	2014	10.1074/jbc.M113.529271	µ-Slide 8 well	http://www.jbc.org/content/289/7/4161.short

436	K. Isfort, F. Ebert, J. Bornhorst, S. Sargin, R. Kardakaris, M. Pasparakis, M. Baehler, T. Schwerdtle, A. Schwab and P. J. Hanley	Real-time imaging reveals that P2Y2 and P2Y12 receptor agonists are not chemoattractants and macrophage chemotaxis to C5a is PI3K-and p38 MAPK-independent	Journal of Biological Chemistry	2014	10.1080/08927014.2014.888062	µ-Slide 8 well	http://www.tandfonline.com/doi/abs/10.1080/08927014.2014.888062
437	M. Garcia-Munoz, E. Taillefer, R. Pnini, C. Vickers, J. Miller and G. Arbuthnott	Rebuilding a realistic corticostriatal “social network” from dissociated cells	Frontiers in systems neuroscience	2014	10.1371/journal.ppat.1004275	µ-Slide 8 well	http://www.plospathogens.org/article/fetchObject.action?uri=info:doi/10.1371/journal.ppat.1004275&representation=PDF
438	M. Koutsioumpa, E. Poimenidi, E. Pantazaka, C. Theodoropoulou, A. Skoura, V. Megalooikonomou, N. Kieffer, J. Courty, S. Mizumoto and K. Sugahara	Receptor protein tyrosine phosphatase beta/zeta is a functional binding partner for vascular endothelial growth factor	Molecular cancer	2014	10.1085/jgp.201411169	µ-Slide 8 well	http://jgp.rupress.org/content/early/2014/06/17/jgp.201411169.abstract
439	M. Brusilovsky, O. Radinsky, L. Cohen, R. Yossef, A. Shemesh, A. Braiman, O. Mandelboim, K. Campbell and A. Porgador	Regulation of natural cytotoxicity receptors by heparan sulfate proteoglycans in -cis: A lesson from NKp44	European Journal of Immunology	2014	10.1186/s12645-014-0008-4	µ-Slide 8 well	http://link.springer.com/article/10.1186/s12645-014-0008-4#
440	D. Jeong, S. Park, H. Kim, C. Kim, T. Ahn, S. Bae, H. Kim, T. Kim, J. Im and M. Lee	RhoA is associated with invasion and poor prognosis in colorectal cancer	International Journal of Oncology	2014	10.1074/jbc.M113.532739	µ-Slide 8 well	http://www.jbc.org/content/early/2014/02/07/jbc.M113.532739.short
441	S. Kim, T. Yoon, D. Lee, Y. Park, K. Lee, S. Lim, Y. Joo and J. Lee	RON (recepteur d’origine nantais) expression and its association with tumor progression in laryngeal squamous cell carcinoma	Auris Nasus Larynx	2014	10.1371/journal.pone.0092391	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0092391#pone-0092391-g006
442	E. Kim, Y. Choi, Y. Han, H. Kim, I. Lee and M. Lee	ROR-alpha suppresses proliferation of vascular smooth muscle cells through activation of AMP-activated protein kinase	International Journal of Cardiology	2014	10.1074/jbc.M114.609453	µ-Slide 8 well	http://www.jbc.org/content/early/2014/10/02/jbc.M114.609453.abstract
443	G. Fritz, J. Megerle, S. Westermayer, D. Brick, R. Heermann, K. Jung, J. Rädler and U. Gerland	Single Cell Kinetics of Phenotypic Switching in the Arabinose Utilization System of E. coli	PloS one	2014	10.1371/journal.pone.0081450.g001	µ-Slide 8 well	http://repositori.upf.edu/bitstream/handle/10230/23609/Andreu_plo_intr.pdf?sequence=1
444	R. Irschick, T. Trost, G. Karp, B. Hausott, M. Auer, P. Claus and L. Klimaschewski	Sorting of the FGF receptor 1 in a human glioma cell line	Histochemistry and Cell Biology	2014	10.1128/AAC.02087-13	µ-Slide 8 well	http://aac.asm.org/content/early/2014/02/19/AAC.02087-13.short

445	T. Kaindl, H. Rieger, L. M. Kaschel, U. Engel, A. Schmaus, J. Sleeman and M. Tanaka	Spatio-Temporal Patterns of Pancreatic Cancer Cells Expressing CD44 Isoforms on Supported Membranes Displaying Hyaluronic Acid Oligomers Arrays	PLoS ONE	2014	10.1016/j.jconrel.2014.07.062	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0168365914005859
446	M. Koo, J. Kang, M. Lee, H. Seo, B. Kwon, K. You, M. Kim, D. Kim and J. Park	Stimulated migration and penetration of vascular endothelial cells into poly (L-lactic acid) scaffolds under flow conditions	Biomaterials Research	2014	10.3945/jn.114.191643	µ-Slide 8 well	http://jn.nutrition.org/content/early/2014/04/30/jn.114.191643.short
447	C. S. Clemen, K. Tangavelou, K.-H. Strucksberg, S. Just, L. Gaertner, H. Regus-Leidig, M. Stumpf, J. Reimann, R. Coras, R. O. Morgan, M.-P. Fernandez, A. Hofmann, S. Müller, B. Schoser, F.-G. Hanisch, W. Rottbauer, I. Blümcke, S. von Hörsten, L. Eichinger and R. Schröder	Strumpellin is a novel valosin-containing protein binding partner linking hereditary spastic paraplegia to protein aggregation diseases	Brain	2014	10.1074/jbc.M114.548792	µ-Slide 8 well	http://sigtrans.jbc.org/content/jbc/early/2014/06/19/jbc.M114.548792.full.pdf
448	W. Y. Chuang, P. H. Kung, C. Y. Kuo and C. C. Wu	Sulforaphane prevents human platelet aggregation through inhibiting the phosphatidylinositol 3-kinase/Akt pathway	Thrombosis and Haemostasis	2014	10.1074/jbc.M114.615526	µ-Slide 8 well	http://www.jbc.org/content/early/2014/11/10/jbc.M114.615526.abstract
449	S. Klatt, A. Fassold and R. H. Straub	Sympathetic nerve fiber repulsion: testing norepinephrine, dopamine, and 17Î²â€?estradiol in a primary murine sympathetic neurite outgrowth assay	Annals of the New York Academy of Sciences	2014	10.1111/sji.12238	µ-Slide 8 well	http://dx.doi.org/10.1111/sji.12238
450	Y. Cao, M. Roursgaard, A. Kermanizadeh, S. Loft and P. Møller	Synergistic Effects of Zinc Oxide Nanoparticles and Fatty Acids on Toxicity to Caco-2 Cells	International Journal of Toxicology	2014	10.1074/jbc.M114.594762	µ-Slide 8 well	http://www.jbc.org/content/early/2014/12/03/jbc.M114.594762.abstract
451	V. Ballotta, A. Smits, A. Driessen-Mol, C. Bouten and F. Baaijens	Synergistic protein secretion by mesenchymal stromal cells seeded in 3D scaffolds and circulating leukocytes in physiological flow	Biomaterials	2014	10.1186/s12989-014-0056-2	µ-Slide 8 well	http://www.biomedcentral.com/content/pdf/s12989-014-0056-2.pdf
452	M. Jurasek, R. Silvie, V. Pavlickova, T. Ruml, O. Lapcik and P. Drasar	Synthesis and biological evaluation of nandrolone–bodipy conjugates	Steroids	2014	10.1172/JCI66776	µ-Slide 8 well	http://www.jci.org/articles/view/66776#sd

453	L. Garcia, L. Donadío, E. Mann, S. Kolusheva, N. Kedei, N. Lewin, C. Hill, J. Kelsey, J. Yang and T. Esch	Synthesis, biological, and biophysical studies of DAG-indololactones designed as selective activators of RasGRP	Bioorganic & Medicinal Chemistry	2014	10.1128/AAC.02087-13	µ-Slide 8 well	http://www.researchgate.net/profile/Marilyn_Anderson/publication/260378159_The_plasma_membrane_transregulator_of_polyamine_uptake_Agp2p_regulates_the_antifungal_activity_of_the_plant_defensin_NaD1_and_other_cationic_peptides/links/5463f66e0cf2837efdb34813.pdf
454	O. Jungmann, K. Nikolovska, C. Stock, J. N. Schulz, B. Eckes, C. Riethmüller, R. T. Owens, R. V. Iozzo and D. G. Seidler	The Dermatan Sulfate Proteoglycan Decorin Modulates alpha2beta1 Integrin and the Vimentin Intermediate Filament System during Collagen Synthesis	PLoS ONE	2014	10.1038/onc.2014.106	µ-Slide 8 well	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2014106a.html
455	Y. Huang, C. Kao, K. Liu, H. Huang, M. Chiang, C. Soo, H. Chang, T. Chiu, J. Chao and E. Hwang	The effect of fluorescent nanodiamonds on neuronal survival and morphogenesis	Sci. Rep.	2014	10.1002/cmdc.201402368	µ-Slide 8 well	http://dx.doi.org/10.1002/cmdc.201402368
456	M. Jacob, M. Rehm, M. Loetsch, J. O. Paul, D. Bruegger, U. Welsch, P. Conzen and B. F. Becker	The Endothelial Glycocalyx Prefers Albumin for Evoking Shear Stress-Induced, Nitric Oxide-Mediated Coronary Dilatation	Journal of Vascular Resarch	2014	10.1111/jcmm.12219	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/jcmm.12219/full
457	R. Kimura-Tsuchiya, T. Ishikawa, S. Kokura, K. Mizushima, S. Adachi, M. Okajima, T. Matsuyama, T. Okayama, N. Sakamoto and K. Katada	The inhibitory effect of heat treatment against epithelial-mesenchymal transition (EMT) in human pancreatic adenocarcinoma cell lines	Journal of Clinical Biochemistry and Nutrition	2014	http://dx.doi.org/10.1016/j.dyepig.2014.03.026	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0143720814001065
458	S. Cornfine, M. Himmel, P. Kopp, K. el Azzouzi, C. Wiesner, M. Kruger, T. Rudel and S. Linder	The kinesin KIF9 and reggie/flotillin proteins regulate matrix degradation by macrophage podosomes	Molecular Biology of the Cell	2014	10.1093/nar/gku492	µ-Slide 8 well	http://nar.oxfordjournals.org/content/early/2014/06/03/nar.gku492.abstract
459	A. Konitsiotis, B. Jovanovic, P. Ciepla, M. Spitaler, T. Lanyon-Hogg, E. Tate and A. Magee	Topological analysis of Hedgehog acyltransferase, a multi-palmitoylated transmembrane protein	Journal of Biological Chemistry	2014	10.1093/neuonc/not308	µ-Slide 8 well	http://neuro-oncology.oxfordjournals.org/content/early/2014/01/25/neuonc.not308.short
460	B. Kemper, Ã. Barroso, M. Woerdemann, L. Dewenter, A. Vollmer, R. Schubert, A. Mellmann, G. von Bally and C. Denz	Towards 3D modelling and imaging of infection scenarios at the single cell level using holographic optical tweezers and digital holographic microscopy	Journal of Biophotonics	2014	10.1016/j.abb.2014.02.002	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0003986114000587
461	N. Kfoury, B. B. Holmes, H. Jiang, D. M. Holtzman and M. I. Diamond	Trans-cellular propagation of Tau aggregation by fibrillar species	Journal of Biological Chemistry	2014	10.1371/journal.pone.0101181	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0101181

462	C. Juhl, D. Kosel and A. G. Beck-Sickinger	Two motifs with different function regulate the anterograde transport of the adiponectin receptor 1	Cellular Signalling	2014	10.1016/j.jconrel.2014.10.006	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0168365914006804
463	R. Janostiak, O. Tolde, Z. Bruhova, M. Novotny, S. K. Hanks, D. Rosel and J. Brabek	Tyrosine phosphorylation within the SH3 domain regulates CAS subcellular localization, cell migration, and invasiveness	Molecular Biology of the Cell	2014	10.1016/j.ejps.2014.07.004	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0928098714003005
464	P. Knobel, R. Belotserkovskaya, Y. Galanty, C. Schmidt, S. Jackson and T. Stracker	USP28 is recruited to sites of DNA damage by the tandem BRCT domains of 53BP1 but plays a minor role in double-strand break metabolism	Molecular and Cellular Biology	2014	10.2147/IJN.S64353	µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4140235/
465	R. Dhouib, A. Ducret, P. Hubert, F. Carriere, S. Dukan and S. Canaan	Watching intracellular lipolysis in mycobacteria using time lapse fluorescence microscopy	Biochimica et Biophysica Acta (BBA)-Molecular and Cell Biology of Lipids	2014	10.1074/jbc.M114.572594	µ-Slide 8 well	http://sigtrans.jbc.org/content/jbc/early/2014/09/18/jbc.M114.572594.full.pdf
466	http://www.cell.com/cms/attachment/2024012885/2043933812/mmc1.pdf			2014	10.1371/journal.pone.0111632	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0111632
467	M. A. Kreitzer, J. Jacoby, E. Naylor, A. Baker, T. Grable, E. Tran, S. E. Booth, H. Qian and R. P. Malchow	Distinctive patterns of alterations in proton efflux from goldfish retinal horizontal cells monitored with self-referencing H+-selective electrodes	European Journal of Neuroscience	2014	10.1016/j.reprotox.2014.10.012	µ-Slide 8 well glass bottom	http://www.sciencedirect.com/science/article/pii/S0890623814002652
468	O. Kreft, A. M. Javier, G. B. Sukhorukov and W. J. Parak	Polymer microcapsules as mobile local pH-sensors	Journal of Materials Chemistry	2014	0.1039/C4TB01006J	µ-Slide 8 well glass bottom	http://www.researchgate.net/profile/Ruslan_Dmitriev/publication/265138244_pH-sensitive_perylene_bisimide_probes_for_live_cell_fluorescence_lifetime_imaging/links/54e4c6590cf276cec17232d0.pdf
469	S. Anirudh, M. Gregory, Z. Yuechen, S. Daniel, K. Seung Yeon, D. Michael, H. Allison and J. Bethanie	Inducing cells to disperse nickel nanowires via integrin-mediated responses	Nanotechnology	2014	10.1128/mBio.01874-14	µ-Slide 8 well, µ-Dish 35 mm	http://mbio.asm.org/content/5/6/e01874-14.short
470	P. A. J. Krijnen, N. E. Hahn, I. KholovÃ¡, U. Baylan, J. A. Sipkens, F. P. van Alphen, A. B. A. Vonk, S. Simsek, C. Meischl and C. G. Schalkwijk	Loss of DPP4 activity is related to a prothrombogenic status of endothelial cells: implications for the coronary microvasculature of myocardial infarction patients	Basic research in cardiology	2014	10.1038/nature13111	µ-Slide 8 well, µ-Slide Chemotaxis	http://www.nature.com/nature/journal/vaop/ncurrent/full/nature13111.html?WT.ec_id=NATURE-20140227

471	C. Fisher, C. Niu, B. Lai, Y. Chen, V. Kuta and L. Lilge	Modulation of PPIX synthesis and accumulation in various normal and glioma cell lines by modification of the cellular signaling and temperature	Lasers in surgery and medicine	2014	10.1177/1535370214522179	µ-Slide 8 well, µ-Slide VI 0.4	http://ebm.sagepub.com/content/early/2014/02/27/1535370214522179.abstract
472	R. Fenollosa, E. Garcia-Rico, S. Alvarez, R. Alvarez, X. Yu, I. Rodriguez, S. Carregal-Romero, C. Villanueva, M. Garcia-Algar and P. Rivera-Gil	Silicon particles as trojan horses for potential cancer therapy	Journal of nanobiotechnology	2014	10.1074/jbc.M114.584284	µ-Slide 8 well, µ-Slide VI 0.4	http://www.jbc.org/content/289/52/35695.abstract
473	E. S. Lai, N. F. Huang, J. P. Cooke and G. G. Fuller	Aligned nanofibrillar collagen regulates endothelial organization and migration	Regenerative Medicine	2014	10.1371/journal.pone.0085485	µ-Slide Angiogenesis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0085485
474	K. Kumar, M. Vani, P. Chueh, J. Mau and S. Wang	Antrodin C Inhibits Epithelial-to-Mesenchymal Transition and Metastasis of Breast Cancer Cells via Suppression of Smad2/3 and beta-Catenin Signaling Pathways	PloS one	2014	10.3892/ijo.2014.2606	µ-Slide Angiogenesis	http://www.spandidos-publications.com/ijo/45/5/1937
475	K. E. Blume, S. Soeroes, H. Keppeler, S. Stevanovic, D. Kretschmer, M. Rautenberg, S. Wesselborg and K. Lauber	Cleavage of Annexin A1 by ADAM10 during Secondary Necrosis Generates a Monocytic "Find-Me" Signal	The Journal of Immunology	2014	10.15252/emmm.201404127	µ-Slide Angiogenesis	http://embomolmed.embopress.org/embomm/early/2014/12/29/emmm.201404127.full.pdf
476	C. Lahiff, E. Cotter, R. Casey, P. Doran, G. Pidgeon, J. Reynolds, P. MacMathuna and D. Murray	Expression of neuroepithelial transforming gene 1 is enhanced in oesophageal cancer and mediates an invasive tumour cell phenotype	Journal of experimental & clinical cancer research: CR	2014	10.1080/09205063.2014.982242	µ-Slide Angiogenesis	http://www.tandfonline.com/doi/abs/10.1080/09205063.2014.982242
477	M. Kuzma-Kuzniarska, C. Yapp, T. Pearson-Jones, A. Jones and P. Hulley	Functional assessment of gap junctions in monolayer and three-dimensional cultures of human tendon cells using fluorescence recovery after photobleaching	Journal of Biomedical Optics	2014	10.1089/jir.2013.0016	µ-Slide Angiogenesis	http://online.liebertpub.com/doi/abs/10.1089/jir.2013.0016
478	M. R. Kviecinski, R. C. Pedrosa, K. B. Felipe, M. S. Farias, C. Glorieux, M. Valenzuela, B. Sid, J. Benites, J. A. Valderrama, J. Verrax and P. Buc Calderon	Inhibition of cell proliferation and migration by oxidative stress from ascorbate-driven juglone redox cycling in human bladder-derived T24 cells	Biochemical and Biophysical Research Communications	2014	10.1016/j.jdermsci.2014.09.002	µ-Slide Angiogenesis	http://www.sciencedirect.com/science/article/pii/S0923181114002199

479	A. Kukkonen-Macchi, O. Sicora, K. Kaczynska, C. Oetken-Lindholm, J. Pouwels, L. Laine and M. J. Kallio	Loss of p38{gamma} MAPK induces pleiotropic mitotic defects and massive cell death	J. Cell Sci.	2014	10.1371/journal.pone.0096426	µ-Slide Angiogenesis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0096426#pone-0096426-g006
480	V. P. Dia and E. G. de Mejia	Lunasin potentiates the effect of oxaliplatin preventing outgrowth of colon cancer metastasis, binds to alpha-5-beta-1 integrin and suppresses FAK/ERK/NF-kappaB signaling	Cancer Letters	2014	10.1242/dmm.017285	µ-Slide Angiogenesis	http://dmm.biologists.org/content/early/2014/12/15/dmm.017285.abstract
481	A. Kuznik, M. Bencina, U. Svajger, M. Jeras, B. Rozman and R. Jerala	Mechanism of Endosomal TLR Inhibition by Antimalarial Drugs and Imidazoquinolines	The Journal of Immunology	2014	10.1371/journal.pone.0095822	µ-Slide Angiogenesis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0095822#pone-0095822-g007
482	Y. Kubohara, H. Kikuchi, Y. Matsuo, Y. Oshima and Y. Homma	Mitochondria Are the Target Organelle of Differentiation-Inducing Factor-3, an Anti-Tumor Agent Isolated from Dictyostelium Discoideum	PloS one	2014	10.1371/journal.pone.0089150	µ-Slide Angiogenesis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0089150
483	G. Burgstaller, S. Vierkotten, M. Lindner, M. Königshoff and O. Eickelberg	Multidimensional immunolabeling and 4D time-lapse imaging of vital ex vivo lung tissue	American Journal of Physiology-Lung Cellular and Molecular Physiology	2014	10.1152/ajplung.00244.2013	µ-Slide Angiogenesis	http://www.researchgate.net/profile/Evgenia_Gerasimovskaya/publication/260129701_High_proliferative_potential_endothelial_colony_forming_cells_contribute_to_hypoxia-induced_pulmonary_artery_vasa_vasorum_neovascularization/links/00b7d5303a3774b090000000.pdf
484	V. Kundumani-Sridharan, D. Van Quyen, J. Subramani, N. K. Singh, Y. E. Chin and G. N. Rao	Novel Interactions between NFATc1 (Nuclear Factor of Activated T Cells c1) and STAT-3 (Signal Transducer and Activator of Transcription-3) Mediate G Protein-coupled Receptor Agonist, Thrombin-induced Biphasic Expression of Cyclin D1, with First Phase Influencing Cell Migration and Second Phase Directing Cell Proliferation	Journal of Biological Chemistry	2014	10.1039/C3NR06752A	µ-Slide Angiogenesis	http://pubs.rsc.org/en/content/articlelanding/2014/nr/c3nr06752a#!divAbstract
485	S. Kümper, A. J. Ridley and R. C. May	p120ctn and P-Cadherin but Not E-Cadherin Regulate Cell Motility and Invasion of DU145 Prostate Cancer Cells	PLoS ONE	2014	10.1371/journal.pone.0112140	µ-Slide Angiogenesis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0112140

486	A. Kumar, K. Martin, E. Turner, C. Buneker, K. Dorgham, P. Deterre and N. Caplice	Role of CX3CR1 Receptor in Monocyte/Macrophage Driven Neovascularization	PloS one	2014	10.1016/j.scr.2014.03.008	µ-Slide Angiogenesis	http://www.sciencedirect.com/science/article/pii/S187350611400035X
487	R. Kubisch, M. von Gamm, S. Braig, A. Ullrich, J. L. Burkhart, L. Colling, J. Hermann, O. Scherer, R. Müller and O. Werz	Simplified Pretubulysin Derivatives and Their Biological Effects on Cancer Cells	Journal of natural products	2014	10.1016/j.placenta.2014.05.009	µ-Slide Angiogenesis	
488	K. Kronenberger and F. Vollrath	Spiders spinning electrically charged nano-fibres	Biology letters	2014	10.1007/s10456-014-9443-4	µ-Slide Angiogenesis	http://dx.doi.org/10.1007/s10456-014-9443-4
489	W. Lai, W. Wang, Y. Chang, C. Chang, P. Yang and K. Peck	Synergistic inhibition of lung cancer cell invasion, tumor growth and angiogenesis using aptamer-siRNA chimeras	Biomaterials	2014	10.1016/j.bbrc.2014.03.035	µ-Slide Angiogenesis	http://www.sciencedirect.com/science/article/pii/S0006291X14004690
490	K. Kumar, D. Tripolitsioti, M. Ma, J. Grählert, K. Egli, G. Fiaschetti, T. Shalaby, M. Grotzer and M. Baumgartner	The Ser/Thr kinase MAP4K4 drives c-Met-induced motility and invasiveness in a cell-based model of SHH medulloblastoma	SpringerPlus	2014	10.1093/humrep/deu255	µ-Slide Angiogenesis	http://humrep.oxfordjournals.org/content/early/2014/10/14/humrep.deu255.abstract
491	A. Kus, M. Dudek, B. Kemper, M. Kujawinska and A. Vollmer	Tomographic phase microscopy of living three-dimensional cell cultures	Journal of biomedical optics	2014	10.1186/1476-4598-13-95	µ-Slide Angiogenesis	http://www.molecular-cancer.com/content/13/1/95/abstract
492	T. Galera, F. Zurita, C. González-Páramos, A. Moreno-Izquierdo, M. Fraga, A. Fernández, R. Garesse and M. Gallardo	Generation of a human iPSC line from a patient with Leigh syndrome	Stem Cell Research	2014	10.1371/journal.pone.0112542	µ-Slide Angiogenesis, µ-Slide 8 well	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0112542
493	Y. S. Lai, K. Riley, A. Cai, J. M. Leong and I. M. Herman	Calpain mediates epithelial cell microvillar effacement by enterohemorrhagic Escherichia coli	Frontiers in Microbiology	2014	10.1016/j.fertnstert.2014.06.011	µ-Slide Chemotaxis	http://www.fertstert.org/article/S0015-0282(14)00544-5/abstract
494	C. Lancrin, M. Mazan, M. Stefanska, R. Patel, M. Lichtinger, G. Costa, Ö. Vargel, N. K. Wilson, T. Möröy and C. Bonifer	GFI1 and GFI1B control the loss of endothelial identity of hemogenic endothelium during hematopoietic commitment	Blood	2014	10.1093/cvr/cvu210	µ-Slide Chemotaxis	http://hcpportalco20150204v2.pfizer.edrupalgardens.com/sites/g/files/g10020151/f/publicaciones/112014%20V104I2-%20In%20vitro%20and%20in%20vivo%20characterization%20of%20the%20actin%20polymerizing%20compound.pdf

495	C. Lande, A. Cecchettini, L. Tedeschi, M. Taranta, I. Naldi, L. Citti, M. Giovanna Trivella, S. Grimaldi and C. Cinti	Innovative Erythrocyte-based Carriers for Gene Delivery in Porcine Vascular Smooth Muscle Cells: Basis for Local Therapy to Prevent Restenosis	Cardiovascular & Haematological Disorders-Drug Targets (Formerly Current Drug Targets-Cardiovascular & Hematological Disorders)	2014	10.1084/jem.20132103	µ-Slide Chemotaxis	http://jem.rupress.org/content/211/6/1037.abstract
496	B. Lanfer, F. P. Seib, U. Freudenberg, D. Stamov, T. Bley, M. Bornhäuser and C. Werner	The growth and differentiation of mesenchymal stem and progenitor cells cultured on aligned collagen matrices	Biomaterials	2014	10.1007/s10544-014-9854-4	µ-Slide Chemotaxis	http://link.springer.com/article/10.1007/s10544-014-9854-4#
497	T. Lebar, U. Bezeljak, A. Golob, M. Jerala, L. Kadunc, B. Pirš and M. Stražar	A bistable genetic switch based on designable DNA-binding domains	Nat Commun	2014	10.1111/cei.12344	µ-Slide Chemotaxis 2D	http://onlinelibrary.wiley.com/doi/10.1111/cei.12344/abstract
498	C. Langevin, K. Gousset, M. Costanzo, O. Richard-le-Goff and C. Zurzolo	Characterization of the role of dendritic cells in prion transfer to primary neurons	Biochemical Journal	2014	10.1016/j.scr.2014.06.006	µ-Slide Chemotaxis 2D	http://www.sciencedirect.com/science/article/pii/S1873506114000798
499	A. Larsen, I. Nymo, P. Boysen, M. Tryland and J. Godfroid	Entry and Elimination of Marine Mammal Brucella spp. by Hooded Seal (Cystophora cristata) Alveolar Macrophages In Vitro	PloS one	2014	10.1016/j.bbrc.2014.08.055	µ-Slide Chemotaxis 2D	http://www.sciencedirect.com/science/article/pii/S0006291X14014788
500	X. Le Guevel, C. Spies, N. Daum, G. Jung and M. Schneider	Highly fluorescent silver nanoclusters stabilized by glutathione: a promising fluorescent label for bioimaging	Nano Research	2014	10.1095/biolreprod.114.121566	µ-Slide Chemotaxis 2D	http://www.biolreprod.org/content/early/2014/09/15/biolreprod.114.121566.abstract
501	H. E. Gendelman, S. Ding, N. Gong, J. Liu, S. H. Ramirez, Y. Persidsky, R. L. Mosley, T. Wang, D. J. Volsky and H. Xiong	Monocyte Chemotactic Protein-1 Regulates Voltage-Gated K+ Channels and Macrophage Transmigration	Journal of Neuroimmune Pharmacology	2014	10.1002/jcb.24784	µ-Slide Chemotaxis 2D	http://onlinelibrary.wiley.com/doi/10.1002/jcb.24784/abstract
502	S. Lathrop, K. Binder, T. Starr, K. Cooper, A. Chong, A. Carmody and O. Steele-Mortimer	Replication of Salmonella Typhimurium in Human Monocyte-Derived Macrophages	Infection and Immunity	2014	10.1186/1748-717X-9-85	µ-Slide Chemotaxis 2D	http://www.ro-journal.com/content/9/1/85/abstract

503	G. Lee, S. Jang, C. Kim, A. Kim, D. Yoon, N. Park and I. Han	Capsaicin suppresses the migration of cholangiocarcinoma cells by down-regulating matrix metalloproteinase-9 expression via the AMPK–NF-kappaB signaling pathway	Clinical & Experimental Metastasis	2014	10.14205/2309-3021.2014.02.01.5	µ-Slide Chemotaxis 3D	http://www.pharmapublisher.com/downloads/jpov2n1a5/
504	H. Lee, A. Bier, S. Cazacu, S. Finniss, C. Xiang, H. Twito, L. Poisson, T. Mikkelsen, S. Slavin and E. Jacoby	MicroRNA-145 is downregulated in glial tumors and regulates glioma cell migration by targeting connective tissue growth factor	PloS one	2014	10.4049/jimmunol.1300695	µ-Slide Chemotaxis 3D	http://www.jimmunol.org/content/early/2014/03/19/jimmunol.1300695.abstract
505	C. Lecut, K. Frederix, D. M. Johnson, C. Deroanne, M. Thiry, C. Faccinetto, R. Maree, R. J. Evans, P. G. A. Volders, V. Bours and C. Oury	P2X1 Ion Channels Promote Neutrophil Chemotaxis through Rho Kinase Activation	The Journal of Immunology	2014	10.1016/j.ajpath.2014.04.003	µ-Slide Chemotaxis 3D	http://ajp.amjpathol.org/article/S0002-9440(14)00220-X/abstract
506	D. Lee, T. Yoon, S. Kim, Y. Park, K. Lee, S. Lim, J. Lee and Y. Joo	Relationship between expression of Livin and the biological behavior of human oral squamous cell carcinoma	Oncology reports	2014	10.1523/JNEUROSCI.4351-12.2014	µ-Slide Chemotaxis 3D	http://www.jneurosci.org/content/34/14/4941.short
507	J. Balzarini, J. Thomas, S. Liekens, S. Noppen, W. Dehaen and R. Romagnoli	2-aminothiophene-3-carboxylic acid ester derivatives as novel highly selective cytostatic agents	Investigational new drugs	2014	10.1371/journal.pone.0112106	µ-Slide Chemotaxis, µ-Slide Angiogenesis	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0112106
508	C. W. Fan, C. Y. Chen, K. T. Chen, C. R. Shen, Y. B. Kuo, Y. S. Chen, Y. P. Chou, W. S. Wei and E. C. Chan	Blockade of phospholipid scramblase 1 with its N-terminal domain antibody reduces tumorigenesis of colorectal carcinomas in vitro and in vivo	Journal of Translational Medicine	2014	10.1371/journal.ppat.1004449	µ-Slide I	http://www.plospathogens.org/article/fetchObject.action?uri=info:doi/10.1371/journal.ppat.1004449&representation=PDF
509	J. Lee, J. Lee, S. Yang, E. Lee and H. Kim	Carbon nanotube - collagen three-dimensional culture of mesenchymal stem cells promotes expression of neural phenotypes and secretion of neurotrophic factors	Acta Biomaterialia	2014	10.1364/OE.22.019735	µ-Slide I	http://www.opticsinfobase.org/oe/fulltext.cfm?uri=oe-22-16-19735&id=298666
510	H. Lee, I. K. Kim and T. G. Park	Intracellular Trafficking and Unpacking of siRNA/Quantum Dot-PEI Complexes Modified with and without Cell Penetrating Peptide: Confocal and Flow Cytometric FRET Analysis		2014	10.1242/bio.20147591	µ-Slide I	http://bio.biologists.org/content/early/2014/05/04/bio.20147591.short
511	A. Benayas, B. del Rosal, A. Pérez-Delgado, K. Santacruz-Gómez, D. Jaque, G. Hirata and F. Vetrone	Nd:YAG Near-Infrared Luminescent Nanothermometers	Advanced Optical Materials	2014	10.1038/ncomms5750	µ-Slide I	http://dx.doi.org/10.1038/ncomms5750

512	A. Levine, M. Duchen, S. de Villiers, P. Rich and A. Segal	Alkalinity of Neutrophil Phagocytic Vacuoles Is Modulated by HVCN1 and Has Consequences for Myeloperoxidase Activity		2014	10.1016/j.bpj.2014.10.027	µ-Slide I Luer	http://www.sciencedirect.com/science/article/pii/S0006349514011059
513	P. Lertsethtakarn, J. Draper and K. M. Ottemann	Chemotactic Signal Transduction in Helicobacter pylori	Two-Component Systems in Bacteria	2014	10.3109/09537104.2013.870332	µ-Slide I Luer	http://informahealthcare.com/doi/abs/10.3109/09537104.2013.870332
514	R. Lefebvre, C. Legrand, E. Gonzalez-Rodriguez, L. Groom, R. T. Dirksen and V. Jacquemond	Defects in Ca2+ release associated with local expression of pathological ryanodine receptors in mouse muscle fibres	J. Physiol.	2014	10.1140/epjst/e2014-02247-2	µ-Slide I Luer	http://dx.doi.org/10.1140/epjst/e2014-02247-2
515	A. Assinger, J. Kral, K. Yaiw, W. Schrottmaier, E. Kurzejamska, Y. Wang, A. Mohammad, P. Religa, A. Rahbar and G. Schabbauer	human cytomegalovirus–platelet interaction triggers toll-like receptor 2–dependent proinflammatory and proangiogenic responses	Arteriosclerosis, thrombosis, and vascular biology	2014	10.1038/nm.3487	µ-Slide I Luer	http://www.nature.com/nm/journal/vaop/ncurrent/full/nm.3487.html
516	S. Ashraf, A. Z. Abbasi, C. Pfeiffer, S. Z. Hussain, Z. M. Khalid, P. R. Gil, W. J. Parak and I. Hussain	Protein-mediated synthesis, pH-induced reversible agglomeration, toxicity and cellular interaction of silver nanoparticles	Colloids and Surfaces B: Biointerfaces	2014	10.1002/ijc.28997	µ-Slide I Luer	http://onlinelibrary.wiley.com/doi/10.1002/ijc.28997/abstract
517	H. Li, S. Hou, X. Wu, S. Nandagopal, F. Lin, S. Kung and A. Marshall	The Tandem PH Domain-Containing Protein 2 (TAPP2) Regulates Chemokine-Induced Cytoskeletal Reorganization and Malignant B Cell Migration	PloS one	2014	10.1371/journal.pone.0087765	µ-Slide I Luer	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0087765
518	M. Caesar, S. Zach, C. B. Carlson, K. Brockmann, T. Gasser and F. Gillardon	Leucine-rich repeat kinase 2 functionally interacts with microtubules and kinase-dependently modulates cell migration	Neurobiology of Disease	2014	10.1074/jbc.M113.506121	µ-Slide I Luer 0.2	http://www.jbc.org/content/early/2014/03/10/jbc.M113.506121.short
519	R. Li, J. Zijlstra, J. Kamps, M. van Meurs and G. Molema	Abrupt reflow enhances cytokine-induced proinflammatory activation of endothelial cells during simulated shock and resuscitation	Shock	2014	10.1182/blood-2013-10-531392	µ-Slide I Luer 0.4	http://bloodjournal.hematologylibrary.org/content/early/2014/04/08/blood-2013-10-531392.short
520	Y. Li, S. Himaya, P. Dewapriya, H. Kim and S. Kim	Anti-proliferative effects of isosclerone isolated from marine fungus Aspergillus fumigatus in MCF-7 human breast cancer cells	Process Biochemistry	2014	10.1189/jlb.3A1213-628R	µ-Slide I Luer 0.4	http://www.jleukbio.org/content/early/2014/02/18/jlb.3A1213-628R.short

521	J.-P. Li, Y.-N. Fu, Y.-R. Chen and T.-H. Tan	JNK Pathway-associated Phosphatase Dephosphorylates Focal Adhesion Kinase and Suppresses Cell Migration	J. Biol. Chem.	2014	10.1097/SHK.0000000000000223	µ-Slide I Luer 0.4	http://journals.lww.com/shockjournal/Abstract/2014/10000/Abrupt_Reflow_Enhances_Cytokine_Induced.11.aspx
522	Q. Li, E. Makhija, F. Hameed and G. Shivashankar	Micropillar displacements by cell traction forces are mechanically correlated with nuclear dynamics	Biochemical and Biophysical Research Communications	2014	10.1016/j.biomaterials.2014.08.024	µ-Slide I Luer 0.4	http://www.sciencedirect.com/science/article/pii/S0142961214009363
523	D. Dolezalova, M. Mraz, T. Barta, K. Plevova, V. Vinarsky, Z. Holubcova, J. Jaros, P. Dvorak, S. Pospisilova and A. Hampl	MicroRNAs Regulate p21Waf1/cip1 Protein Expression and the DNA Damage Response in Human Embryonic Stem Cells	Stem Cells	2014	10.1242/bio.201410132	µ-Slide I Luer 0.4	http://bio.biologists.org/content/early/2014/11/13/bio.201410132.abstract
524	N. Dejeans, C. Glorieux, S. Guenin, R. Beck, B. Sid, R. Rousseau, B. Bisig, P. Delvenne, P. B. Calderon and J. Verrax	Overexpression of GRP94 in breast cancer cells resistant to oxidative stress promotes high levels of cancer cell proliferation and migration: Implications for tumor recurrence	Free Radical Biology and Medicine	2014	10.1155/2014/497280	µ-Slide I Luer 0.4	http://www.hindawi.com/journals/bmri/aa/497280/abs/
525	P. Aumsuwan, S. Khan, I. Khan, Z. Ali, B. Avula, L. Walker, Z. Shariat-Madar, W. Helferich, B. Katzenellenbogen and A. Dasmahapatra	The anticancer potential of steroidal saponin, dioscin, isolated from wild yam (Dioscorea villosa) root extract in invasive human breast cancer cell line MDA-MB-231 in vitro	Archives of Biochemistry and Biophysics	2014	10.1016/j.thromres.2014.08.013	µ-Slide I Luer 0.4	http://www.thrombosisresearch.com/article/S0049-3848(14)00449-6/abstract
526	M. Avbelj, S. Horvat and R. Jerala	The Role of Intermediary Domain of MyD88 in Cell Activation and Therapeutic Inhibition of TLRs	The Journal of Immunology	2014	10.1161/jaha.114.001274	µ-Slide I Luer 0.4	http://jaha.ahajournals.org/content/3/6/e001274.abstract
527	J. Avemary, J. Salvamoser, A. Peraud, J. Remi, S. Noachtar, G. Fricker and H. Potschka	Dynamic regulation of P-glycoprotein in human brain capillaries	Molecular pharmaceutics	2014	10.1167/iovs.14-14722	µ-Slide I Luer 0.6	http://dx.doi.org/10.1167/iovs.14-14722
528	S. V. Avilov, D. Moisy, N. Naffakh and S. Cusack	Influenza A virus progeny vRNP trafficking in live infected cells studied with the virus-encoded fluorescently tagged PB2 protein	Vaccine	2014	10.1016/j.yjmcc.2014.10.010	µ-Slide I Luer 0.6	http://www.jmmc-online.com/article/S0022-2828(14)00331-9/abstract
529	Y. Li, J. M. Kleijn, M. A. C. Stuart, T. Slaghek, J. Timmermans and W. Norde	Mobility of lysozyme inside oxidized starch polymer microgels	Soft Matter	2014	10.1016/j.scr.2014.09.004	µ-Slide I Luer 0.6	http://www.sciencedirect.com/science/article/pii/S1873506114001068

530	S. V. Avilov, D. Moisy, S. Munier, O. Schraidt, N. Naffakh and S. Cusack	Replication competent influenza A virus encoding split-GFP tagged PB2 polymerase subunit allows live cell imaging of the viral life cycle 2	Journal of Virology	2014	10.1007/s12015-014-9549-5	µ-Slide I Luer 0.6	http://dx.doi.org/10.1007/s12015-014-9549-5
531	Y. Liao, C. Fang, C. Yen, S. Hsu, C. Wang, S. Huang, Y. Liang, Y. Lin, Y. Chu and Y. Arthur Chen	Niemann-Pick type C2 protein regulates liver cancer progression via modulating ERK1/2 pathway: Clinicopathological correlations and therapeutical implications	International Journal of Cancer	2014	10.1074/jbc.M114.563270	µ-Slide I, µ-Slide Chemotaxis	http://www.jbc.org/content/early/2014/09/11/jbc.M114.563270.abstract
532	P. Licznar, O. List, D. Goven, R. Nna, B. Lapied and V. Apaire-Marchais	A novel method using Autographa californica multiple nucleopolyhedrovirus for increasing the sensitivity of insecticide through calcium influx in insect cell line	Journal of virological methods	2014	10.1039/C4CC05769D	µ-Slide III 3in1	http://dx.doi.org/10.1039/C4CC05769D
533	J. Deiuliis, S. Oghumu, D. Duggineni, J. Zhong, J. Rutsky, A. Banerjee, B. Needleman, D. Mikami, V. Narula and J. Hazey	CXCR3 Modulates Obesity-Induced Visceral Adipose Inflammation and Systemic Insulin Resistance	Obesity	2014	10.1038/ncomms6367	µ-Slide III 3in1	http://dx.doi.org/10.1038/ncomms6367
534	F. Liebl, I. E. Demir, R. Rosenberg, A. Boldis, E. Yildiz, K. Kujundzic, T. Kehl, D. Dischl, T. Schuster and M. Maak	The severity of neural invasion is associated with shortened survival in colon cancer	Clinical Cancer Research	2014	10.1039/C4AN00133H	µ-Slide III 3in1	http://pubs.rsc.org/en/content/articlelanding/2014/an/c4an00133h#!divAbstract
535	J. Liebl, S. Zhang, M. Moser, Y. Agalarov, C. S. Demir, B. Hager, J. A. Bibb, R. H. Adams, F. Kiefer, N. Miura, T. V. Petrova, A. M. Vollmar and S. Zahler	Cdk5 controls lymphatic vessel development and function by phosphorylation of Foxc2	Nat Commun	2014	10.1073/pnas.1405820111	µ-Slide VI 0.1	http://www.pnas.org/content/111/31/11485.short
536	J. Lim, L. Li, O. Kakhlon, R. Myerowitz and N. Raben	Defects in calcium homeostasis and mitochondria can be reversed in Pompe disease	Autophagy	2014	10.1007/s12195-014-0337-8	µ-Slide VI 0.1	http://link.springer.com/article/10.1007/s12195-014-0337-8#
537	Z. Darwich, O. Kucherak, R. Kreder, L. Richert, R. Vauchelles, Y. Mély and A. Klymchenko	Rational design of fluorescent membrane probes for apoptosis based on 3-hydroxyflavone	Methods and Applications in Fluorescence	2014	10.1016/j.cellsig.2014.09.021	µ-Slide VI 0.1	http://www.sciencedirect.com/science/article/pii/S0898656814003258
538	Y. T. Lim, M. Y. Choa, J. M. Leea, S. J. Chunga and B. H. Chung	Simultaneous intracellular delivery of targeting antibodies and functional nanoparticles with engineered protein G system	Biomaterials	2014	10.4049/jimmunol.1302147	µ-Slide VI 0.1	http://www.jimmunol.org/content/early/2014/01/16/jimmunol.1302147.short

539	S. C. Lim, J. E. Choi, H. S. Kang and H. Si	Ursodeoxycholic acid switches oxaliplatin-induced necrosis to apoptosis by inhibiting reactive oxygen species production and activating p53-caspase 8 pathway in HepG2 hepatocellular carcinoma	International Journal of Cancer	2014	10.1111/jth.12451	µ-Slide VI 0.1	http://onlinelibrary.wiley.com/doi/10.1111/jth.12451/abstract
540	J. Y. Chen, Y. A. Tang, S. M. Huang, H. F. Juan, L. W. Wu, Y. C. Sun, S. C. Wang, K. W. Wu, G. Balraj and T. T. Chang	A Novel Sialyltransferase Inhibitor Suppresses FAK/Paxillin Signaling and Cancer Angiogenesis and Metastasis Pathways	Cancer Research	2014	10.1160/TH13-12-1026	µ-Slide VI 0.4	http://www.ncbi.nlm.nih.gov/pubmed/24816772
541	M. Lopes Pinheiro, J. Kroon, M. Hoogenboezem, D. Geerts, B. van het Hof, S. van der Pol, J. van Buul and H. de Vries	Acid Sphingomyelinase–Derived Ceramide Regulates ICAM-1 Function during T Cell Transmigration across Brain Endothelial Cells	The Journal of Immunology	2014	10.1016/j.ijrobp.2013.09.041	µ-Slide VI 0.4	http://dx.doi.org/10.1016/j.ijrobp.2013.09.041
542	A. Mader, B. von Bronk, B. Ewald, S. Kesel, K. Schnetz, E. Frey and M. Opitz	Amount of Colicin Release in Escherichia coli Is Regulated by Lysis Gene Expression of the Colicin E2 Operon	PloS one	2014	10.1111/micc.12161	µ-Slide VI 0.4	http://dx.doi.org/10.1111/micc.12161
543	D. Das, M. Barnes and L. Nagy	Anaphylatoxin C5a modulates hepatic stellate cell migration	Fibrogenesis & Tissue Repair	2014	10.1111/jcmm.12374	µ-Slide VI 0.4	http://dx.doi.org/10.1111/jcmm.12374
544	A. Mahara and T. Yamaoka	Antibody-immobilized column for quick cell separation based on cell rolling	Biotechnology Progress	2014	10.1074/jbc.M114.588111	µ-Slide VI 0.4	http://www.jbc.org/content/early/2014/10/02/jbc.M114.588111.abstract
545	J. Mai, S. Trump, R. Ali, R. L. Schiltz, G. Hager, T. Hanke, I. Lehmann and S. Attinger	Are Assumptions about the Model Type Necessary in Reaction-Diffusion Modeling? A FRAP Application	Biophysical Journal	2014	10.1016/j.atherosclerosis.2014.12.039	µ-Slide VI 0.4	http://www.atherosclerosis-journal.com/article/S0021-9150(14)01661-X/abstract
546	A. Dabkowska, A. Michanek, L. Jaeger, M. Rabe, A. Chworos, F. Hook, T. Nylander and E. Sparr	Assembly of RNA nanostructures on supported lipid bilayers	Nanoscale	2014		µ-Slide VI 0.4	http://echocontrast.nl/frames/Archive/abstracts2014.pdf#page=42
547	V. J. Burton, L. I. Ciuclan, A. M. Holmes, D. M. Rodman, C. Walker and D. C. Budd	Bone morphogenetic protein receptor II regulates pulmonary artery endothelial cell barrier function	Blood	2014	10.1002/mbo3.187	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1002/mbo3.187/full
548	C. Lv, H. Kong, G. Dong, L. Liu, K. Tong, H. Sun, B. Chen, C. Zhang and M. Zhou	Cancer In Vitro and In Vivo	PLoS One	2014	10.1016/j.fitote.2014.02.009	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0367326X14000549

549	O. Giegold, R. Ludwig, K. Hardt, J. Will, M. Schön, G. Oostingh, J. Pfeilschifter, W. Boehncke and H. Radeke	Computer-aided analysis of cell interactions under dynamic flow conditions.	Exp Dermatol	2014	10.1371/journal.ppat.1004089	µ-Slide VI 0.4	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1004089
550	D. M. Maher, M. C. Bell, E. A. O'Donnell, B. K. Gupta, M. Jaggi and S. C. Chauhan	Curcumin suppresses human papillomavirus oncoproteins, restores p53, Rb, and PTPN13 proteins and inhibits benzo[a]pyrene-induced upregulation of HPV E7	Molecular Carcinogenesis	2014	10.1074/jbc.M113.541573	µ-Slide VI 0.4	http://www.jbc.org/content/early/2014/02/19/jbc.M113.541573.abstract
551	N. Maherali, R. Sridharan, W. Xie, J. Utikal, S. Eminli, K. Arnold, M. Stadtfeld, R. Yachechko, J. Tchieu and R. Jaenisch	Directly reprogrammed fibroblasts show global epigenetic remodeling and widespread tissue contribution	Cell Stem Cell	2014	10.1007/s13367-014-0046-9	µ-Slide VI 0.4	http://dx.doi.org/10.1007/s13367-014-0046-9
552	A. Mai, G. Muharram, R. Barrow-McGee, H. Baghirov, J. Rantala, S. Kermorgant and J. Ivaska	Distinct c-Met activation mechanisms induce cell rounding or invasion through pathways involving integrins, RhoA and HIP1	Journal of Cell Science	2014	10.1371/journal.pone.0090737	µ-Slide VI 0.4	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0090737#pone-0090737-g004
553	J. Batson, L. Maccarthy-Morrogh, A. Archer, H. Tanton and C. Nobes	EphA receptors regulate prostate cancer cell dissemination through Vav2–RhoA mediated cell–cell repulsion	Biology Open	2014	10.1016/j.jmb.2014.02.005	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0022283614000710
554	E. Y. Lukianova-Hleb and D. O. Lapotko	Experimental techniques for imaging and measuring transient vapor nanobubbles	Applied Physics Letters	2014	10.1038/nature13701	µ-Slide VI 0.4	http://dx.doi.org/10.1038/nature13701
555	B. del Rosal, C. Sun, Y. Yan, M. Mackenzie, C. Lu, A. Bettiol, A. Kar and D. Jaque	Flow effects in the laser-induced thermal loading of optical traps and optofluidic devices	Optics Express	2014	10.1371/journal.pone.0113023	µ-Slide VI 0.4	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0113023
556	P. Carrara, P. Stano and P. L. Luisi	Giant Vesicles “Colonies”: A Model for Primitive Cell Communities	ChemBioChem	2014	10.1016/j.thromres.2014.04.025	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0049384814002394
557	L. Maestro, P. Haro, B. del Rosal, J. Ramiro, A. Caamaño, F. Sanz-Rodríguez, A. Juarranz, E. Carrasco, J. Solé and D. Jaque	Heating efficiency of Multi-Walled Carbon Nanotubes in the first and second Biological Windows	Nanoscale	2014	10.1002/path.4443	µ-Slide VI 0.4	http://dx.doi.org/10.1002/path.4443
558	D. Loessner, S. Kobel, J. Clements, M. Lutolf and D. Hutmacher	Hydrogel Microwell Arrays Allow the Assessment of Protease-Associated Enhancement of Cancer Cell Aggregation and Survival	Microarrays	2014	10.1371/journal.pone.0089532	µ-Slide VI 0.4	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0089532#pone-0089532-g005
559	J. R. Davies, G. Svensäter and M. C. Herzberg	Identification of novel LPXTG-linked surface proteins from Streptococcus gordonii	Microbiology	2014	10.1073/pnas.1402195111	µ-Slide VI 0.4	http://www.pnas.org/content/early/2014/05/22/1402195111.short

560	R. Lockley, G. Ladds and T. Bretschneider	Image based validation of dynamical models for cell reorientation	Cytometry Part A	2014	10.1007/s00395-014-0439-4	µ-Slide VI 0.4	http://dx.doi.org/10.1007/s00395-014-0439-4
561	M. Ma and M. Baumgartner	Intracellular Theileria annulata Promote Invasive Cell Motility through Kinase Regulation of the Host Actin Cytoskeleton	PLOS Pathogens	2014	10.1039/C4RA07720B	µ-Slide VI 0.4	http://dx.doi.org/10.1039/C4RA07720B
562	D. Luna Vital, E. Mejía, V. Dia and G. Loarca-Piña	Peptides in common bean fractions inhibit human colorectal cancer cells	Food Chemistry	2014	10.4049/jimmunol.1302527	µ-Slide VI 0.4	http://www.jimmunol.org/content/early/2014/03/26/jimmunol.1302527.abstract
563	E. Y. Lukianova-Hleb, A. Belyanin, S. Kashinath, X. Wu and D. O. Lapotko	Plasmonic nanobubble-enhanced endosomal escape processes for selective and guided intracellular delivery of chemotherapy to drug-resistant cancer cells	Biomaterials	2014	10.1096/fj.13-246868	µ-Slide VI 0.4	http://www.fasebj.org/content/early/2014/02/28/fj.13-246868.abstract
564	L. Fassi Fehri, T. N. Mak, B. Laube, V. Brinkmann, L. A. Ogilvie, H. Mollenkopf, M. Lein, T. Schmidt, T. F. Meyer and H. Brüggemann	Prevalence of Propionibacterium acnes in diseased prostates and its inflammatory and transforming activity on prostate epithelial cells	International Journal of Medical Microbiology	2014	10.1074/jbc.M114.584284	µ-Slide VI 0.4	http://www.jbc.org/content/early/2014/11/03/jbc.M114.584284.abstract
565	C. Lippuner, D. Paape, A. Paterou, J. Brand, M. Richardson, A. J. Smith, K. Hoffmann, V. Brinkmann, C. Blackburn and T. Aebischer	Real-time imaging of Leishmania mexicana-infected early phagosomes: a study using primary macrophages generated from green fluorescent protein-Rab5 transgenic mice	FASEB J	2014	10.4049/jimmunol.1302855	µ-Slide VI 0.4	http://www.jimmunol.org/content/early/2014/06/13/jimmunol.1302855.abstract
566	B. Fratto and E. Katz	Reversible Logic Gates Based on Enzyme-Biocatalyzed Reactions and Realized in Flow Cells: A Modular Approach	ChemPhysChem	2014	10.1371/journal.ppat.1004574	µ-Slide VI 0.4	http://journals.plos.org/plospathogens/article?id=10.1371/journal.ppat.1004574
567	A. Maeda, K. Kai, M. Ishii, T. Ishii and M. Akagawa	Safranal, a novel protein tyrosine phosphatase 1B inhibitor, activates insulin signaling in C2C12 myotubes and improves glucose tolerance in diabetic KK-Ay mice	Molecular Nutrition & Food Research	2014	10.1364/OE.22.024635	µ-Slide VI 0.4	http://www.opticsexpress.org/abstract.cfm?URI=oe-22-20-24635
568	J. Geng, K. Kim, J. Zhang, A. Escalada, R. Tunuguntla and L. Comolli	Stochastic transport through carbon nanotubes in lipid bilayers and live cell membranes	Nature	2014	10.1242/dev.097188	µ-Slide VI 0.4	http://dev.biologists.org/content/141/4/784.abstract
569	T. Lischetti, G. Zhang, G. Sedgwick, V. Bolanos-Garcia and J. Nilsson	The internal Cdc20 binding site in BubR1 facilitates both spindle assembly checkpoint signalling and silencing	Nat Commun	2014	10.1371/journal.pone.0093173	µ-Slide VI 0.4	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0093173#pone-0093173-g003

570	F. Ludwig, A. Schwab and C. Stock	The Na+/H+ -exchanger (NHE1) generates pH nanodomains at focal adhesions	Journal of cellular physiology	2014	10.1007/s00401-014-1244-8	µ-Slide VI 0.4	http://link.springer.com/article/10.1007/s00401-014-1244-8#
571	L. Chen, T. Wang, Y. Wang, J. Zhang, Y. Qi, H. Weng, Q. Kang, X. Guo, A. Baines, N. Mohandas and X. An	Protein 4.1G Regulates Cell Adhesion, Spreading and Migration of Mouse Embryo Fibroblasts through ?1 Integrin Pathway	Journal of Biological Chemistry	2014	10.1161/ATVBAHA.114.3032 87/-/DC1	µ-Slide VI 0.4, µ-Slide Angiogenesis	http://atvb.ahajournals.org/content/34/4/801.short
572	A. Dayem, B. Kim, S. Gurunathan, H. Choi, G. Yang, S. Saha, D. Han, J. Han, K. Kim and J. Kim	Biologically synthesized silver nanoparticles induce neuronal differentiation of SH-SY5Y cells via modulation of reactive oxygen species, phosphatases, and kinase signaling pathwayss	Biotechnology Journal	2014	10.7150/thno.9128	µ-Slide VI 0.4, µ-Slide VI 0.1	http://www.thno.org/v04p0761.pdf
573	S. Mangenot, M. Hochrein, J. Rädler and L. Letellier	Real-Time Imaging of DNA Ejection from Single Phage Particles	Current Biology	2014	10.1016/j.jmmm.2014.09.005	µ-Slide y-shaped	http://www.sciencedirect.com/science/article/pii/S0304885314008245
574	L. Manterola, M. Hernando-Rodriguez, A. Ruiz, A. Apraiz, O. Arrizabalaga, L. Vellon, E. Alberdi, F. Cavaliere, H. M. Lacerda and S. Jimenez	1-42 ß-Amyloid peptide requires PDK1/nPKC/Rac 1 pathway to induce neuronal death	Translational psychiatry	2014	10.1007/s11051-014-2368-4	12 Well Chamber removable	http://link.springer.com/article/10.1007/s11051-014-2368-4#
575	H. K. Mannell, J. Pircher, D. I. Chaudhry, S. K. C. Alig, E. G. Koch, R. Mettler, U. Pohl and F. Krotz	ARNO regulates VEGF-dependent tissue responses by stabilizing endothelial VEGFR-2 surface expression	Cardiovasc Res	2014	10.1166/jbn.2014.1743 717	12 Well Chamber removable	http://www.ingentaconnect.com/content/asp/jbn/2014/00000010/00000004/art00018
576	A.-K. Marel, S. Rappl, A. Piera Alberola and J. O. Rädler	Arraying Cell Cultures Using PEG-DMA Micromolding in Standard Culture Dishes	Macromolecular Bioscience	2014	10.1111/tra.12189	12 Well Chamber removable	http://dx.doi.org/10.1111/tra.12189
577	S. Marchesan, C. Easton, K. Styan, K. Kushkaki, L. Goodall, K. McLean, J. Forsythe and P. Hartley	Chirality effects at each amino acid position on tripeptide self-assembly into hydrogel biomaterials	Nanoscale	2014	10.1007/s11051-014-2402-6	12 Well Chamber removable	http://link.springer.com/article/10.1007/s11051-014-2402-6#
578	A. Marcilla, M. Trelis, A. Cortes, J. Sotillo, F. Cantalapiedra, M. T. Minguez, M. L. Valero, M. M. S. del Pino, C. Muoz-Antoli and R. Toledo	Extracellular Vesicles from Parasitic Helminths Contain Specific Excretory/Secretory Proteins and Are Internalized in Intestinal Host Cells	PLoS ONE	2014	10.1002/mabi.201300401	12 Well Chamber removable	http://onlinelibrary.wiley.com/doi/10.1002/mabi.201300401/abstract;jsessionid=B4ECEBB15EDCCE8B7E505D4D6AD7D0C3.f01t01?deniedAccessCustomisedMessage=&userIsAuthenticated=false
579	R. Molteni, C. L. Crespo, S. Feigelson, C. Moser, M. Fabbri, V. Grabovsky, F. Krombach, C. Laudanna, R. Alon and R. Pardi	{beta}-Arrestin 2 is required for the induction and strengthening of integrin-mediated leukocyte adhesion during CXCR2-driven extravasation	Blood	2014	10.1016/j.ejps.2014.01.007	culture-Insert	http://www.sciencedirect.com/science/article/pii/S0928098714000220

580	B. Mesmin, J. Bigay, J. Moser von Filseck, S. Lacas-Gervais, G. Drin and B. Antonny	A four-step cycle driven by PI (4) P hydrolysis directs sterol/PI (4) P exchange by the ER-Golgi tether OSBP	Cell	2014	10.1016/j.biomaterials.2013.12.054	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S014296121301538X
581	M. Mesel-Lemoine, J. Millet, P. O. Vidalain, H. Law, A. Vabret, V. Lorin, N. Escriou, M. L. Albert, B. Nal and F. Tangy	A Human Coronavirus Responsible for the Common Cold Massively Kills Dendritic Cells but Not Monocytes	Journal of Virology	2014	10.1016/j.cub.2013.12.010	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0960982213015297
582	L. McLaughlin, H. Xu, S. Carden, S. Fisher, M. Reyes, S. Heilshorn and D. Monack	A microfluidic-based genetic screen to identify microbial virulence factors that inhibit dendritic cell migration	Integrative Biology	2014	10.1007/s00432-014-1824-y	Culture-Insert	http://dx.doi.org/10.1007/s00432-014-1824-y
583	F. Mattei, G. Schiavoni, A. De Ninno, V. Lucarini, P. Sestili, A. Sistigu, A. Fragale, M. Sanchez, M. Spada and A. Gerardino	A multidisciplinary study using in vivo tumor models and microfluidic cell-on-chip approach to explore the cross-talk between cancer and immune cells	Journal of Immunotoxicology	2014	10.1016/j.jconrel.2014.08.016	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0168365914005987
584	M. Moes, A. Le Bechec, I. Crespo, C. Laurini, A. Halavatyi, G. Vetter, A. del Sol and E. Friederich	A Novel Network Integrating a miRNA-203/SNAI1 Feedback Loop which Regulates Epithelial to Mesenchymal Transition	PLoS ONE	2014	10.1038/onc.2014.396	Culture-Insert	http://dx.doi.org/10.1038/onc.2014.396
585	S. Molt, J. Bührdel, S. Yakovlev, P. Schein and Z. Orfanos	Aciculin interacts with filamin C and Xin and is essential for myofibril assembly, remodeling and maintenance	Journal of Cell Science	2014		Culture-Insert	http://books.google.de/books?hl=de&lr=&id=82ViAwAAQBAJ&oi=fnd&pg=PA379&dq=P+Talbot,+NI+zur+Nieden,+S+Lin,+I+Martinez,+B+Guan%E2%80%A6+-+Handbook+of+Nanomedicine+%E2%80%A6,+2014&ots=g27L9VyrY9&sig=YqJ_dDKjkg4rnYqEVS0rArOU--M#v=onepage&q&f=false
586	N. Mercer, B. Ramakrishnan, E. Boeggeman and P. K. Qasba	Applications of Site-Specific Labeling to Study HAMLET, a Tumoricidal Complex of Î±-Lactalbumin and Oleic Acid	PLoS ONE	2014	10.1186/2055-7124-18-10	culture-Insert	http://www.biomaterialsres.com/content/18/1/10
587	K. McGrail and C. Krane	Assessing the effect of shear stress on Aquaporin 1 expression in vascular endothelial cells in vitro (696.9)	The FASEB Journal	2014	10.1016/j.canlet.2014.11.017	Culture-Insert	http://www.cancerletters.info/article/S0304-3835(14)00673-9/abstract
588	Z. Mokhtari, F. Mech, C. Zitzmann, M. Hasenberg, M. Gunzer and M. Figge	Automated Characterization and Parameter-Free Classification of Cell Tracks Based on Local Migration Behavior	PLOS ONE	2014	10.1210/me.2014-1035	Culture-Insert	http://press.endocrine.org/doi/abs/10.1210/me.2014-1035

589	S. Meucci, I. Tonazzini, F. Beltram and M. Cecchini	Biocompatible noisy nanotopographies with specific directionality for controlled anisotropic cell cultures	Soft Matter	2014	10.3892/or.2014.3510	Culture-Insert	http://www.spandidos-publications.com/10.3892/or.2014.3510?text=abstract
590	A. Mishra, A. Schuez, J. Engelmann, M. Beyerlein, N. K. Logothetis and S. Canals	Biocytin-derived MRI Contrast Agent for Longitudinal Brain Connectivity Studies	ACS Chemical Neuroscience	2014	10.1016/j.abb.2014.07.012	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0003986114002550
591	R. Mishra, W. Su, R. Pohmann, J. Pfeuffer, M. G. Sauer, K. Ugurbil and J. Engelmann	Cell-penetrating peptides and peptide nucleic acid-coupled mri contrast agents: Evaluation of cellular delivery and target binding	Bioconjugate Chemistry	2014	10.1186/2051-5960-2-19	Culture-Insert	http://www.actaneurocomms.org/content/2/1/19/abstract
592	T. A. J. McKinnon, A. Nowak, J. Cutler, F. A. Riddell, M. A. Laffan and C. Millar	Characterisation of von Willebrand factor A1 domain mutants I1416N and I1416T: correlation of clinical phenotype with flow-based platelet adhesion	Journal of Thrombosis and Haemostasis	2014	10.1111/ced.12256	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1111/ced.12256/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
593	B. Meier, A. Zielinski, C. Weber, D. Arcizet, S. Youssef, T. Franosch, J. O. Rädler and D. Heinrich	Chemotactic Cell Trapping in Controlled Alternating Gradient Fields	PNAS	2014	10.1002/jcp.24583	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1002/jcp.24583/abstract
594	R. M. Martin and M. C. Cardoso	Chromatin condensation modulates access and binding of nuclear proteins	FASEB J	2014	10.1111/jop.12233	Culture-Insert	http://dx.doi.org/10.1111/jop.12233
595	M. Menhofer, D. Bartel, J. Liebl and R. Kubisch	Copia autorizada por CDR	Cardiovascular Research	2014	10.1016/j.mrfmmm.2014.06.005	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0027510714001134
596	G. N. Montagna, C. A. Buscaglia, S. Munter, C. Goosmann, F. Frischknecht, V. Brinkmann and K. Matuschewski	Critical Role for Heat Shock Protein 20 (HSP20) in Migration of Malarial Sporozoites	Journal of Biological Chemistry	2014	10.1002/stem.1849	Culture-Insert	http://dx.doi.org/10.1002/stem.1849
597	C. Mohan, H. Bharathkumar, K. Bulusu, V. Pandey, S. Rangappa, J. Fuchs, M. Shanmugam, X. Dai, F. Li, A. Deivasigamani, K. Hui, A. Kumar, P. Lobie and A. Bender	Development of a Novel Azaspirane That Targets the JAK-STAT Pathway in Hepatocellular Carcinoma In Vitro and In Vivo	Journal of Biological Chemistry	2014	10.1016/j.bcp.2014.08.030	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0006295214005206
598	R. P. Carney, T. M. Carney, M. Mueller and F. Stellacci	Dynamic Cellular Uptake of Mixed-Monolayer Protected Nanoparticles	Biointerphases	2014	10.1186/1471-2407-14-939	Culture-Insert	http://www.biomedcentral.com/1471-2407/14/939

599	A. Melo, L. Loura, F. Fernandes, J. Villalaín, M. Prieto and A. Coutinho	Electrostatically Driven Lipid-Lysozyme Mixed Fibers Display a Multilamellar Structure without Amyloid Features	Soft Matter	2014	10.1186/1471-2407-14-185	Culture-Insert	http://www.biomedcentral.com/1471-2407/14/185/
600	L. Chen, A. Charrier, Y. Zhou, R. Chen, B. Yu, K. Agarwal, H. Tsukamoto, L. J. Lee, M. E. Paulaitis and D. R. Brigstock	Epigenetic regulation of connective tissue growth factor by MicroRNA-214 delivery in exosomes from mouse or human hepatic stellate cells	Hepatology	2014	10.3390/ijms150915622	Culture-Insert	
601	M. T. Melki, H. Saïdi, A. Dufour, J. C. Olivo-Marin and M. L. Gougeon	Escape of HIV-1-Infected Dendritic Cells from TRAIL-Mediated NK Cell Cytotoxicity during NK-DC Cross-Talk—A Pivotal Role of HMGB1	PLoS Pathog	2014	10.1371/journal.pone.0105919	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0105919
602	J. O. Martinez, A. Parodi, X. Liu, M. G. Kolonin, M. Ferrari and E. Tasciotti	Evaluation of Cell Function Upon Nanovector Internalization	Small	2014	10.1016/j.aanat.2014.06.002	culture-Insert	http://www.sciencedirect.com/science/article/pii/S0940960214001216
603	R. Mercier, Y. Kawai and J. Errington	Excess Membrane Synthesis Drives a Primitive Mode of Cell Proliferation	Cell	2014	10.1371/journal.pone.0110542	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0110542#pone-0110542-g006
604	S. C. Brown, S. Bolte, M. Gaudin, C. Pereira, J. Marion, M. N. Soler and B. Satiat-Jeunemaitre	Exploring plant endomembrane dynamics using the photoconvertible protein Kaede	The Plant Journal	2014	10.1038/ncomms4891	Culture-Insert	http://www.nature.com/ncomms/2014/140523/ncomms4891/full/ncomms4891.html
605	O. Mortusewicz, J.-C. Ame, V. Schreiber and H. Leonhardt	Feedback-regulated poly(ADP-ribosyl)ation by PARP-1 is required for rapid response to DNA damage in living cells	Nucleic Acids Res.	2014	10.1016/j.urolonc.2014.08.015	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S1078143914002932
606	J. Min, J. Jang, D. Keum, S. Ryu, C. Choi, K. Jeong and J. Ye	Fluorescent microscopy beyond diffraction limits using speckle illumination and joint support recovery	Scientific reports	2014	10.1016/j.bbrc.2014.08.143	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0006291X14015848
607	J. Faust, K. Doudrick, Y. Yang, P. Westerhoff and D. Capco	Food grade titanium dioxide disrupts intestinal brush border microvilli in vitro independent of sedimentation	Cell Biology and Toxicology	2014	10.1371/journal.pone.0089239	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0089239
608	F. Meng, B. Joshi and I. Nabi	Galectin-3 Overrides PTRF/Cavin-1 Reduction of PC3 Prostate Cancer Cell Migration		2014	10.1111/jop.12272	Culture-Insert	http://dx.doi.org/10.1111/jop.12272

609	C. Mauritz, K. Schwanke, M. Reppel, S. Neef, K. Katsirntaki, L. S. Maier, F. Nguemo, S. Menke, M. Haustein and J. Hescheler	Generation of functional murine cardiac myocytes from induced pluripotent stem cells	Circulation	2014	10.1371/journal.pone.0086147	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0086147
610	L. Martinez Maestro, E. Camarillo, J. Sanchez-Gil, R. Rodriguez-Oliveros, J. Ramiro, A. Caamano, F. Jaque, J. Sole and D. Jaque Garcia	Gold Nanorods for optimized photothermal therapy: The influence of irradiating in the first and second biological window	RSC Advances	2014	10.3109/08977194.2014.977437	Culture-Insert	http://informahealthcare.com/doi/abs/10.3109/08977194.2014.977437
611	R. Morosetti, A. Broccolini, C. Sancricca, C. Gliubizzi, T. Gidaro, P. A. Tonali, E. Ricci and M. Mirabella	Increased aging in primary muscle cultures of sporadic inclusion-body myositis	Neurobiology of Aging	2014	10.1038/onc.2014.43	Culture-Insert	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc201443a.html
612	S. Misra, C. Hamilton and S. Niyogi	Induction of oxidative stress by selenomethionine in isolated hepatocytes of rainbow trout (Oncorhynchus mykis)	Toxicology in Vitro	2014	10.1371/journal.pone.0091169	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0091169#pone-0091169-g007
613	G. Maulucci, G. Pani, V. Labate, M. Mele, E. Panieri, M. Papi, G. Arcovito, T. Galeotti and D. Spirito	Investigation of the spatial distribution of glutathione redox-balance in live cells by using Fluorescence Ratio Imaging Microscopy	Biosensors and Bioelectronics	2014	10.1016/j.yjmcc.2014.11.012	Culture-Insert	http://www.jmmc-online.com/article/S0022-2828(14)00372-1/abstract
614	R. Morosetti, M. Mirabella, C. Gliubizzi, A. Broccolini, C. Sancricca, M. Pescatori, T. Gidaro, G. Tasca, R. Frusciante and P. A. Tonali	Isolation and characterization of mesoangioblasts from Facioscapulohumeral Muscular Dystrophy Muscle Biopsies	Stem Cells	2014	10.1016/j.oraloncology.2014.10.017	Culture-Insert	http://www.oraloncology.com/article/S1368-8375(14)00334-0/abstract
615	M. Miyata, H. Ogita, H. Komura, S. Nakata, R. Okamoto, M. Ozaki, T. Majima, N. Matsuzawa, S. Kawano, A. Minami, M. Waseda, N. Fujita, K. Mizutani, Y. Rikitake and Y. Takai	Localization of nectin-free afadin at the leading edge and its involvement in directional cell movement induced by platelet-derived growth factor	J. Cell Sci.	2014	10.1002/smll.201400707	Culture-Insert	http://dx.doi.org/10.1002/smll.201400707
616	J. Mikeš, M. Hýždalová, L. Kocí, R. Jendželovský, J. Kova, A. Vaculová, J. Hofmanová, A. Kozubík and P. Fedorocko	Lower sensitivity of FHC fetal colon epithelial cells to photodynamic therapy compared to HT-29 colon adenocarcinoma cells despite higher intracellular accumulation of hypericin	Photochem. Photobiol. Sci.	2014	10.1142/S0192415X14500967	Culture-Insert	http://www.worldscientific.com/doi/abs/10.1142/S0192415X14500967

617	O. R. Millington, V. B. Gibson, C. M. Rush, B. H. Zinselmeyer and R. S. Phillips	Malaria impairs T cell clustering and immune priming despite normal signal 1 from	PLoS Pathogens	2014	10.1371/journal.pone.0084369	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0084369
618	B. Morgan, M. C. Sobotta and T. P. Dick	Measuring EGSH and H2O2 with roGFP2-based redox probes	Free Radical Biology and Medicine	2014	10.1038/onc.2014.366	Culture-Insert	http://dx.doi.org/10.1038/onc.2014.366
619	M. Coureuil, H. Lécuyer, M. G. H. Scott, C. Boularan, H. Enslen, M. Soyer, G. Mikaty and S. Bourdoulous	Meningococcus Hijacks a [beta] 2-Adrenoceptor/[beta]-Arrestin Pathway to Cross Brain Microvasculature Endothelium	Cell	2014	10.1186/1471-2407-14-214	Culture-Insert	http://www.biomedcentral.com/1471-2407/14/214/abstract
620	A. Mishra, R. Mishra, S. Gottschalk, R. Pal, N. Sim, J. Engelmann, M. Goldberg and D. Parker	Microscopic Visualization of Metabotropic Glutamate Receptors on the Surface of Living Cells Using Bifunctional Magnetic Resonance Imaging Probes	ACS Chemical Neuroscience	2014	10.1016/j.bbrc.2014.09.012	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0006291X14016209
621	A. Mondadori dos Santos, L. Metzinger, O. Haddad and E. M'baya-Moutoula	miR-126 Is Involved in Vascular Remodeling under Laminar Shear Stress	BioMed Research International	2014	10.1371/journal.pone.0088479	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0088479
622	J. Meng, J. Wang, G. Lawrence and J. Dolly	Molecular components required for resting and stimulated endocytosis of botulinum neurotoxins by glutamatergic and peptidergic neurons	The FASEB Journal	2014	10.1002/ijc.28867	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1002/ijc.28867/abstract
623	M. Moros, B. Hernáez, E. Garet, J. T. Dias, B. Sáez, V. Grazú, Á. González-Fernández, C. Alonso and J. M. de la Fuente	Monosaccharides versus PEG-Functionalized NPs: Influence in the Cellular Uptake	ACS nano	2014	10.1007/s12217-014-9392-y	Culture-Insert	http://dx.doi.org/10.1007/s12217-014-9392-y
624	N. Melzer, C. Villmann, K. Becker, K. Harvey, R. J. Harvey, N. Vogel, C. J. Kluck, M. Kneussel and C. M. Becker	Multifunctional basic motif in the glycine receptor intracellular domain induces subunit-specific sorting	Journal of Biological Chemistry	2014	10.1016/j.kjms.2014.03.004	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S1607551X14000746

625	A. Masamune, T. Watanabe, K. Kikuta, K. Satoh and T. Shimosegawa	NADPH oxidase plays a crucial role in the activation of pancreatic stellate cells	American Journal of Physiology-Gastrointestinal and Liver Physiology	2014	10.1111/bph.12687	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1111/bph.12687/abstract
626	Y. Minami, W. Ikeda, M. Kajita, T. Fujito, H. Amano, Y. Tamaru, K. Kuramitsu, Y. Sakamoto, M. Monden and Y. Takai	Necl-5/Poliovirus Receptor Interacts in cis with Integrin {alpha}Vbeta3 and Regulates Its Clustering and Focal Complex Formation	J. Biol. Chem.	2014	10.1007/s11060-014-1545-8	Culture-Insert	http://dx.doi.org/10.1007/s11060-014-1545-8
627	I. Molina-Ortiz, R. A. Bartolome, P. Hernandez-Varas, G. P. Colo and J. Teixido	Overexpression of E-cadherin on melanoma cells inhibits chemokine-promoted invasion involving p190RhoGAP/p120ctn-dependent inactivation of RhoA	J. Biol. Chem.	2014	10.1016/j.bbrc.2014.10.086	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0006291X14018956
628	F. Moreau, A. Leclercq, V. Rosner, M. Weiller, L. Weiss, I. Brillant, B. Gauthier, R. Kessler and L. Kessler	P2119 Apport de la mesure continue du glucose dans la détermination précoce des anomalies de la tolérance glucosée secondaires à la mucoviscidose et correlation avec le retentissement respiratoire	Diabetes & Metabolism	2014	10.1371/journal.pone.0086110	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0086110#pone-0086110-g007
629	A. Montoya-Rodríguez, J. Milán-Carrillo, V. Dia, C. Reyes-Moreno and E. de Mejía	Pepsin-pancreatin protein hydrolysates from extruded amaranth inhibit markers of atherosclerosis in LPS-induced THP-1 macrophages-like human cells by reducing expression of proteins in LOX-1 signaling pathway	Proteome Science	2014	10.3390/ijms15033889	Culture-Insert	http://www.mdpi.com/1422-0067/15/3/3889/pdf
630	V. Minieri, S. Saviozzi, G. Gambarotta, M. Lo Iacono, L. Accomasso, E. Cibrario Rocchietti, C. Gallina, V. Turinetto and C. Giachino	Persistent DNA damage-induced premature senescence alters the functional features of human bone marrow mesenchymal stem cells	Journal of Cellular and Molecular Medicine	2014	10.1371/journal.pone.0086103	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0086103#pone-0086103-g006
631	I. Mey, A. Janshoff, C. Nehls, A. Pietuch, V. Gerke, J. Braunger and B. Brueckner	Phosphatidylinositol 4, 5-bisphosphate		2014	10.1016/j.actbio.2014.06.023	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S1742706114002700

632	E. Anitua, M. Sanchez, M. De la Fuente, M. Zalduendo and G. Orive	Plasma rich in growth factors (PRGF-Endoret) stimulates tendon and synovial fibroblasts migration and improves the biological properties of hyaluronic acid	Knee Surgery, Sports Traumatology, Arthroscopy	2014	10.1111/wrr.12132	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1111/wrr.12132/full
633	P. Metharom, K. Martin, A. H. Kumar, N. Sawhney, M. F. Cronin, D. G. McCarthy, A. R. Maguire and N. M. Caplice	Pleiotropic role for monocyte C-fms protein in response to vascular injury: Potential therapeutic target	Atherosclerosis	2014	10.1371/journal.pone.0099931	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0099931
634	A. Downes, R. Mouras, P. Bagnaninchi and A. Elfick	Raman spectroscopy and CARS microscopy of stem cells and their derivatives	Journal of Raman Spectroscopy	2014	10.1186/scrt396	Culture-Insert	http://stemcellres.com/content/5/1/7/abstract
635	M. Miyata, Y. Rikitake, M. Takahashi, Y. Nagamatsu, Y. Yamauchi, H. Ogita, K.-i. Hirata and Y. Takai	Regulation by Afadin of Cyclical Activation and Inactivation of Rap1, Rac1, and RhoA Small G Proteins at Leading Edges of Moving NIH3T3 Cells	Journal of Biological Chemistry	2014	10.1136/gutjnl-2013-306302	Culture-Insert	http://gut.bmj.com/content/early/2014/06/17/gutjnl-2013-306302.abstract
636	J. Meng, J. Dolly and J. Wang	Selective Cleavage of SNAREs in Sensory Neurons Unveils Protein Complexes Mediating Peptide Exocytosis Triggered by Different Stimuli	Molecular Neurobiology	2014	10.1155/2014/617150	Culture-Insert	http://www.hindawi.com/journals/dm/2014/617150/abs/
637	A. Molla-Herman, R. Ghossoub, T. Blisnick, A. Meunier, C. Serres, F. Silbermann, C. Emmerson, K. Romeo, P. Bourdoncle, A. Schmitt, S. Saunier, N. Spassky, P. Bastin and A. Benmerah	The ciliary pocket: an endocytic membrane domain at the base of primary and motile cilia	J. Cell Sci.	2014		Culture-Insert	http://books.google.de/books?hl=de&lr=&id=82ViAwAAQBAJ&oi=fnd&pg=PA379&dq=P+Talbot,+NI+zur+Nieden,+S+Lin,+I+Martinez,+B+Guan%E2%80%A6+-+Handbook+of+Nanomedicine+%E2%80%A6,+2014&ots=g27L9VyrY9&sig=YqJ_dDKjkg4rnYqEVS0rArOU--M#v=onepage&q&f=false
638	G. Marrone, L. Russo, E. Rosado, D. Hide, G. Garca-Cardea, J. C. Garca-Pagn, J. Bosch and J. Gracia-Sancho	The transcription factor KLF2 mediates hepatic endothelial protection and paracrine endothelial-stellate cell deactivation induced by statins	Journal of Hepatology	2014	10.1186/1471-2407-14-840	Culture-Insert	http://www.biomedcentral.com/1471-2407/14/840/

639	D. L. Baldi, E. E. Higginson, D. M. Hocking, J. Praszkier, R. Cavaliere, C. E. James, V. Bennett-Wood, K. I. Azzopardi, L. Turnbull and T. Lithgow	The type II secretion system and its ubiquitous lipoprotein substrate, SslE, are required for biofilm formation and virulence of enteropathogenic Escherichia coli	Infection and Immunity	2014	10.1016/j.ejcb.2014.10.004	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0171933514001216
640	C. Cottingham, S. Percival, T. Birky and Q.-. Wang	Tricyclic antidepressants exhibit variable pharmacological profiles at the alpha-2A adrenergic receptor	Biochemical and Biophysical Research Communications	2014	10.1186/1755-1536-7-9	Culture-Insert	http://www.fibrogenesis.com/content/7/1/9/abstract
641	M. Min, U. Mayor and C. Lindon	Ubiquitination site preferences in anaphase promoting complex/cyclosome (APC/C) substrates	Open biology	2014	10.1371/journal.pone.0101001	Culture-Insert	http://dx.doi.org/10.1371%2Fjournal.pone.0101001
642	S. Meyer dos Santos, U. Klinkhardt, R. Schneppenheim and S. Harder	Using ImageJ for the quantitative analysis of flow-based adhesion assays in real-time under physiologic flow conditions	Platelets	2014	10.1186/s13046-014-0059-8	Culture-Insert	http://www.biomedcentral.com/content/pdf/s13046-014-0059-8.pdf
643	V. Mirakaj, J. Dalli, T. Granja, P. Rosenberger and C. Serhan	Vagus nerve controls resolution and pro-resolving mediators of inflammation	The Journal of Experimental Medicine	2014	10.1016.j.tvjl.2014.08.021	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S1090023314003426
644	O. Mortusewicz, W. Roth, N. Li, M. C. Cardoso, M. Meisterernst and H. Leonhardt	Recruitment of RNA polymerase II cofactor PC4 to DNA damage sites	J. Cell Biol.	2014	10.1007/s10585-014-9678-x	culture-Insert	http://dx.doi.org/10.1007/s10585-014-9678-x
645	F. Moseley, J. Halámek, F. Kramer, A. Poghossian, M. Schoening and E. Katz	Enzyme-Based Reversible CNOT Logic Gate Realized in a Flow System	Analyst	2014	10.1002/btpr.1950	Culture-Insert 24	http://dx.doi.org/10.1002/btpr.1950
646	M. Anton, A. Wolf, O. Mykhaylyk, C. Koch, B. Gansbacher and C. Plank	Optimizing Adenoviral transduction of endothelial cells under flow conditions	Pharmaceutical Research	2014	10.1371/journal.pone.0111515	Culture-Insert 24	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0111515#pone-0111515-g006
647	T. Carmona, G. Marcelo, L. Rinaldi, K. Martina, G. Cravotto and F. Mendicuti	Soluble cyanine dye/beta-cyclodextrin derivatives: Potential carriers for drug delivery and optical imaging	Dyes and Pigments	2014	10.3390/md12042282	Culture-Insert 24	http://www.mdpi.com/1660-3397/12/4/2282/htm

648	I. Cicha, M. Goppelt-Struebe, A. Yilmaz, W. G. Daniel and C. D. Garlichs	Endothelial dysfunction and monocyte recruitment in cells exposed to non-uniform shear stress	Clinical Hemorheology and Microcirculation	2014	10.1038/mtna.2014.56	Culture-Insert 24, µ-Slide Angiogenesis	http://dx.doi.org/10.1038/mtna.2014.56
649	L. Moura, M. Cruz and E. Carvalho	The effect of neurotensin in human keratinocytes–implication on impaired wound healing in diabetes	Experimental Biology and Medicine	2014	10.1111/cmi.12386	Culture-Insert, µ-Dish	http://dx.doi.org/10.1111/cmi.12386
650	W. Muhammad, J. D. Kim and Y. G. Lee	Analysis of cell poration by femtosecond laser for particle insertion by optical manipulation	SPIE NanoScience+ Engineering	2014	10.1074/jbc.M114.601104	Culture-Insert, µ-Dish 35 mm	http://sigtrans.jbc.org/content/jbc/early/2014/10/15/jbc.M114.601104.full.pdf
651	J. Müller, C. Thirion and M. W. Pfaffl	Electric cell-substrate impedance sensing (ECIS) based real-time measurement of titer dependent cytotoxicity induced by adenoviral vectors in an IPI-2I cell culture model	Biosensors and Bioelectronics	2014	10.1186/1475-2867-14-20	Culture-Insert, µ-Dish 35 mm	http://www.cancerci.com/content/14/1/20/abstract
652	K. Moyes, C. Sip, W. Obenza, E. Yang, C. Horst, R. Welikson, S. Hauschka, A. Folch and M. Laflamme	Human Embryonic Stem Cell-Derived Cardiomyocytes Migrate in Response to Gradients of Fibronectin and Wnt5a	Stem cells and development	2014	10.1002/mc.22240	Culture-Insert, µ-Dish 35 mm	http://dx.doi.org/10.1002/mc.22240
653	N. Mueller, E. Avota, L. Collenburg, H. Grassmé and S. Schneider-Schaulies	Neutral sphingomyelinase in physiological and measles virus induced T cell suppression	PLoS pathogens	2014	10.1016/j.ijcard.2014.06.043	culture-Insert, µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0167527314011103
654	S. Mourón, S. Rodriguez-Acebes, M. Martínez-Jiménez, S. García-Gómez, S. Chocrón, L. Blanco and J. Méndez	Repriming of DNA synthesis at stalled replication forks by human PrimPol	Nature structural & molecular biology	2014	10.1167/iovs.14-15054	Culture-Insert, µ-Dish 35 mm	http://www.iovs.org/content/early/2014/09/17/iovs.14-15054.abstract
655	V. Mugoni, R. Postel, V. Catanzaro, E. De Luca, E. Turco, G. Digilio, L. Silengo, M. Murphy, C. Medana and D. Stainier	Ubiad1 is an antioxidant enzyme that regulates eNOS activity by CoQ10 synthesis	Cell	2014	10.1074/jbc.M114.601104	Culture-Insert, µ-Dish 35 mm	http://www.jbc.org/content/early/2014/10/15/jbc.M114.601104.abstract
656	N. Müller, J. v. d. Brandt, F. Odoardi, D. Tischner, J. Herath, A. Flügel and H. Reichardt	A CD28 superagonistic antibody elicits 2 functionally distinct waves of T cell activation in rats	Journal of Clinical Investigation	2014	10.1111/hel.12144	Culture-Insert, µ-Dish 35 mm high	http://dx.doi.org/10.1111/hel.12144

657	N. Müller, H. J. Fischer, D. Tischner, J. van den Brandt and H. M. Reichardt	Glucocorticoids Induce Effector T Cell Depolarization via ERM Proteins, Thereby Impeding Migration and APC Conjugation	The Journal of Immunology	2014	10.1007/s12015-014-9548-6	Culture-Insert, µ-Dish 35 mm high	http://dx.doi.org/10.1007/s12015-014-9548-6
658	N. F. Müller, P. O. Kaiser, D. Linke, H. Schwarz, T. Riess, A. Schafer, J. A. Eble and V. A. J. Kempf	Trimeric Autotransporter Adhesin-Dependent Adherence of Bartonella henselae, Bartonella quintana, and Yersinia enterocolitica to Matrix Components and Endothelial Cells under Static and Dynamic Flow Conditions	Infection and Immunity	2014	10.1371/journal.pone.0087868	Culture-Insert, µ-Dish 35 mm high, µ-Slide Angiogenesis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0087868
659	E. Müllers, K. Stirnnagel, S. Kaulfuss and D. Lindemann	Prototype Foamy Virus Gag Nuclear Localization: a Novel Pathway among Retroviruses	Journal of Virology	2014	10.1038/cddis.2014.3	Culture-Insert, µ-Dish 35 mm low	http://www.nature.com/cddis/journal/v5/n2/abs/cddis20143a.html
660	L. Chen, W. Wang, J. Lee, F. Chiu, C. Wu, C. Tai, C. Wang, C. Tai, M. Huang and Y. Chang	Thrombomodulin mediates the progression of epithelial ovarian cancer cells	Tumor Biology	2014	10.1371/journal.pone.0111450	Culture-Insert, µ-Dish 35 mm, µ-Slide VI 0.1	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0111450
661	R. Mundargi, M. Potroz, S. Park, J. Park, H. Shirahama, J. Lee, J. Seo and N. Cho	Lycopodium Spores: A Naturally Manufactured, Superrobust Biomaterial for Drug Delivery	Advanced Functional Materials	2014	10.1038/cdd.2014.154	ECIS array	http://www.nature.com/cdd/journal/v22/n4/pdf/cdd2014154a.pdf
662	S. Münter, B. Sabass, C. Selhuber-Unkel, M. Kudryashev, S. Hegge, U. Engel, J. P. Spatz, K. Matuschewski, U. S. Schwarz and F. Frischknecht	Plasmodium sporozoite motility is modulated by the turnover of discrete adhesion sites	Cell Host & Microbe	2014	10.1007/978-1-4939-0320-7_33	ECIS array	http://www.researchgate.net/profile/Christoph_Michael_Zehendner/publication/260131756_A_neurovascular_blood-brain_barrier_in_vitro_model/links/5475de2c0cf245eb437114d6.pdf
663	C. Münch, D. Dragoi, A. Frey, K. Thurig, M. Lübbert, R. Wäsch, L. Bogatyreva, D. Hauschke, S. Lassmann, M. Werner and A. May	Therapeutic polo-like kinase 1 inhibition results in mitotic arrest and subsequent cell death of blasts in the bone marrow of AML patients and has similar effects in non-neoplastic cell lines	Leukemia Research	2014	10.1371/journal.pone.0106733	ECIS array	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0106733
664	T. Muramoto and J. R. Chubb	Live imaging of the Dictyostelium cell cycle reveals widespread S phase during development, a G2 bias in spore differentiation and a premitotic checkpoint	Development	2014	10.1038/nature13770	Grid-50, µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1038/nature13770

665	S. W. Feigelson, R. Pasvolsky, S. Cemerski, Z. Shulman, V. Grabovsky, T. Ilani, A. Sagiv, F. Lemaitre, C. Laudanna, A. S. Shaw and R. Alon	Occupancy of Lymphocyte LFA-1 by Surface-Immobilized ICAM-1 Is Critical for TCR- but Not for Chemokine-Triggered LFA-1 Conversion to an Open Headpiece High-Affinity State	The Journal of Immunology	2014	10.1371/journal.pone.0086092	Grid-500	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0086092#pone-0086092-g011
666	M. Murata, S. Narahara, K. Umezaki, R. Toita, S. Tabata, J. S. Piao, K. Abe, J. H. Kang, K. Ohuchida and L. Cui	Liver cell specific targeting by the preS1 domain of hepatitis B virus surface antigen displayed on protein nanocages	International Journal of Nanomedicine	2014	10.1016/j.micron.2014.02.007	Grid-500, µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0968432814000328
667	K. Muromachi, N. Kamio, T. Narita, M. Annen-Kamio, H. Sugiya and K. Matsushima	MMP-3 provokes CTGF/CCN2 production independently of protease activity and dependently on dynamin-related endocytosis, which contributes to human dental pulp cell migration	Journal of Cellular Biochemistry	2014	10.1016/j.steroids.2014.10.002	Grid-500, µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S003912 8X14002529
668	D. Myung, Y. Park, C. Chung, H. Park, J. Kim, S. Cho, W. Lee, K. Lee, J. Lee and Y. Joo	Expression of Livin in Colorectal Cancer and Its Relationship to Tumor Cell Behavior and Prognosis	PloS one	2014	10.1016/j.biomaterials.2014.06.046	ibidi foil	http://www.sciencedirect.com/science/article/pii/S0142961214007522
669	A. Nagelkerke, J. Bussink, H. Mujcic, B. G. Wouters, S. Lehmann, F. C. G. J. Sweep and P. N. Span	Hypoxia stimulates migration of breast cancer cells via the PERK/ATF4/LAMP3-arm of the unfolded protein response	Breast Cancer Research	2014	10.1098/rsfs.2013.0047	ibidi foil	http://rsfs.royalsocietypublishing.org/content/4/1/20130047.short
670	N. J. Mutch, R. Engel, S. Uitte de Willige, H. Philippou and R. A. S. Ariens	Polyphosphate modifies the fibrin network and down-regulates fibrinolysis by attenuating binding of tPA and plasminogen to fibrin	Blood	2014	10.1039/C4RA05496B	ibidi foil	http://dx.doi.org/10.1039/C4RA05496B
671	I. Muylaert, Z. Zhao and P. Elias	UL52 Primase Interactions in the HSV-1 Helicase-Primase are Affected by Antiviral Compounds and Mutations Causing Drug Resistance	Journal of Biological Chemistry	2014	10.1016/j.mee.2014.04.015	ibidi foil	http://www.sciencedirect.com/science/article/pii/S0167931714001567
672	R. J. Naik, P. Chandra, A. Mann and M. Ganguli	Exogenous and Cell Surface Glycosaminoglycans Alter DNA Delivery Efficiency of Arginine and Lysine Homopeptides in Distinctly Different Ways	J. Biol. Chem.	2014	10.3233/BIR-140657	ibidi pump system	http://iospress.metapress.com/content/73201253252042 73/
673	G. H. Sendra, S. Weiße, S. Maleschlijski and A. Rosenhahn	Hologram reconstruction corrected for measurements through layers of different refractive index in DIHM	Applied Optics	2014	10.1136/heartjnl-2014-306118.192	ibidi pump system	

674	V. Pham, V. Truong, D. Mainwaring, Y. Guo, V. Baulin, M. Al Kobaisi, G. Gervinskas, S. Juodkazis, W. Zeng and P. Doran	Nanotopography as a trigger for the microscale, autogenous and passive lysis of erythrocytes	Journal of Materials Chemistry B	2014	10.1016/j.bbamcr.2014.07.0031	ibidi pump system	http://www.sciencedirect.com/science/article/pii/S0167488914002808
675	S. K. Singh, C. Nizard, R. Kurfurst, F. Bonte, S. Schnebert and D. J. Tobin	The silver locus product (Silv/gp100/Pmel17) as a new tool for the analysis of melanosome transfer in human melanocyte-keratinocyte co-culture	Experimental Dermatology	2014	10.1002/cyto.a.22600	ibidi pump system, Leica TCS SP5	http://dx.doi.org/10.1002/cyto.a.22600
676	V. Chabot, Y. Miron, P. Charette and M. Grandbois	Identification of the molecular mechanisms in cellular processes that elicit a surface plasmon resonance (SPR) response using simultaneous surface plasmon-enhanced fluorescence (SPEF) microscopy	Biosensors and Bioelectronics	2014	10.3390/ijms15058773	micro-Insert 4 well	http://www.mdpi.com/1422-0067/15/5/8773
677	A. Nakajima, S. Ishihara, D. Imoto and S. Sawai	Rectified directional sensing in long-range cell migration	Nat Commun	2014	10.1016/j.ymeth.2014.03.030	micro-Insert 4 well	http://www.sciencedirect.com/science/article/pii/S1046202314001327
678	H. Benlalam, A. Jalil, M. Hasmim, B. Pang, R. Tamouza, M. Mitterrand, Y. Godet, N. Lamerant, C. Robert, M.-F. Avril, J. Neefjes, T. Tursz, F. Mami-Chouaib, C. Kieda and S. Chouaib	Gap Junction Communication between Autologous Endothelial and Tumor Cells Induce Cross-Recognition and Elimination by Specific CTL	The Journal of Immunology	2014	10.1016/j.actbio.2014.02.012	Sticky-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S1742706114000646
679	N. Nalleweg, M. Chiriac, E. Podstawa, C. Lehmann, T. Rau, R. Atreya, E. Krauss, G. Hundorfean, S. Fichtner-Feigl, A. Hartmann, C. Becker and J. Mudter	IL-9 and its receptor are predominantly involved in the pathogenesis of UC	Gut	2014	10.1016/j.apsusc.2014.06.053	Sticky-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0169433214013385
680	T. De Oliveira, I. Abiatari, S. Raulefs, D. Sauliunaite, M. Erkan, B. Kong, H. Friess, C. W. Michalski and J. Kleeff	Syndecan-2 promotes perineural invasion and cooperates with K-ras to induce an invasive pancreatic cancer cell phenotype	Molecular Cancer	2014	10.1002/mabi.201400350	Sticky-Slide VI 0.4	http://dx.doi.org/10.1002/mabi.201400350
681	S. Carpi, S. Fogli, A. Giannetti, B. Adinolfi, S. Tombelli, E. Da Pozzo, A. Vanni, E. Martinotti, C. Martini and M. Breschi	Theranostic Properties of a Survivin-Directed Molecular Beacon in Human Melanoma Cells	PloS one	2014	10.1073/pnas.1400760111	Sticky-Slide VI 0.4	http://www.pnas.org/content/111/31/E3214.short

682	D. Gill, K. Tham, J. Chia, S. Wang, C. Steentoft, H. Clausen, E. Bard-Chapeau and F. Bard	Initiation of GalNAc-type O-glycosylation in the endoplasmic reticulum promotes cancer cell invasiveness	Proceedings of the National Academy of Sciences	2013	10.1371/journal.pone.0067290.t001	µ-Dish	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0067290
683	J. Bosse, S. Virding, S. Thiberge, J. Scherer, H. Wodrich, Z. Ruzsics, U. Koszinowski and L. Enquist	Nuclear Herpesvirus Capsid Motility Is Not Dependent on F-Actin	mBio	2013	10.1371/journal.ppat.1003598	µ-Dish	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1003598#ppat-1003598-g006
684	J. Eltit, C. Franzini-Armstrong and C. Perez	Amino Acid Residues 489-503 of Dihydropyridine Receptor (DHPR) beta-1a Subunit Are Critical for Structural Communication Between the Skeletal Muscle DHPR complex and Type-1 Ryanodine Receptor	Journal of Biological Chemistry	2013	10.1073/pnas.1305269110	µ-Dish 35 mm	http://www.pnas.org/content/110/34/E3152.short
685	P. Florentino, F. Real, A. Bonfim-Melo, C. Orikaza, E. Ferreira, C. Pessoa, B. Lima, G. Sasso and R. Mortara	An Historical Perspective on How Advances in Microscopic Imaging Contributed to Understanding the Leishmania Spp. and Trypanosoma cruzi Host-Parasite Relationship	BioMed Research International	2013	10.1091/mbc.E12-12-0856	µ-Dish 35 mm	http://molbiolcell.fitnessofmen.com/content/24/13/2112.short
686	M. Enders, B. Görling, A. Braun, J. Seltenreich and L. Reichenbach	Cytotoxicity and NMR Studies of Platinum Complexes with Cyclooctadiene Ligands	Organometallics	2013	10.1242/jcs.114801	µ-Dish 35 mm	http://jcs.biologists.org/content/126/6/1345.short
687	J. Gilley and M. P. Coleman	Endogenous Nmnat2 Is an Essential Survival Factor for Maintenance of Healthy Axons	PLoS Biol	2013	10.1021/nn405097u	µ-Dish 35 mm	http://pubs.acs.org/doi/abs/10.1021/nn405097u
688	A. Groß, K. Rödel, B. Kneidl, N. Donhauser, M. Mössl, E. Lump, J. Münch, B. Schmidt and J. Eichler	Enhancement and Induction of HIV-1 Infection through an Assembled Peptide Derived from the CD4 Binding Site of gp120	ChemBioChem	2013	10.1007/s10856-013-5108-x	µ-Dish 35 mm	http://link.springer.com/article/10.1007/s10856-013-5108-x#
689	I. Ariel, G. Skarzinski, T. Kossovsky, V. Belzer, D. Knigin, M. Khamaisi, Z. Abassi and M. Bursztyn	Ex vivo endothelin dependent contraction of the remodeled rat spiral artery	Placenta	2013	10.1002/mabi.201200400	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/mabi.201200400/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
690	E. A. M. Bouwens, M. J. Mourik, M. van den Biggelaar, J. C. J. Eikenboom, J. Voorberg, K. M. Valentijn and K. Mertens	Factor VIII alters tubular organization and functional properties of von Willebrand factor stored in Weibel-Palade bodies	Blood	2013	10.1242/jcs.114033	µ-Dish 35 mm	http://jcsbiologists.academyofeating.com/content/126/3/767.short

691	F. Catalano, L. Accomasso, G. Alberto, C. Gallina, S. Raimondo, S. Geuna, C. Giachino and G. Martra	Factors Ruling the Uptake of Silica Nanoparticles by Mesenchymal Stem Cells: Agglomeration Versus Dispersions, Absence Versus Presence of Serum Proteins	Small	2013	10.1210/me.2013-1109	µ-Dish 35 mm	http://www.kaganovichlab.com/uploads/7/2/5/6/7256268/wikstrom_et_al._molend2013.pdf
692	D. Bilan, M. Matlashov, A. Gorokhovatsky, C. Schultz, G. Enikolopov and V. Belousov	Genetically encoded fluorescent indicator for imaging NAD< sup>+</sup>/NADH ratio changes in different cellular compartments	Biochimica et Biophysica Acta (BBA)-General Subjects	2013	10.1002/stem.1323	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/stem.1323/abstract
693	H. Haase, G. Dobbernack, G. Tunnemann, P. Karczewski, C. Cardoso, D. Petzhold, W.-P. Schlegel, S. Lutter, P. Pierschalek, J. Behlke and I. Morano	Minigenes encoding N-terminal domains of human cardiac myosin light chain-1 improve heart function of transgenic rats	FASEB J	2013	10.1007/s10529-013-1174-x	µ-Dish 35 mm	http://link.springer.com/article/10.1007/s10529-013-1174-x#
694	J. Chamot-Rooke, G. Mikaty, C. Malosse, M. Soyer, A. Dumont, J. Gault, A.-F. Imhaus, P. Martin, M. Trellet, G. Clary, P. Chafey, L. Camoin, M. Nilges, X. Nassif and G. DumÃ©nil	Posttranslational Modification of Pili upon Cell Contact Triggers N. meningitidis Dissemination	Science	2013	10.1186/1741-7007-11-73	µ-Dish 35 mm	http://www.biomedcentral.com/1741-7007/11/73/
695	N. Halidi, F. X. Boittin, J. L. Beny and J. J. Meister	Propagation of fast and slow intercellular Ca< sup> 2+</sup> waves in primary cultured arterial smooth muscle cells	Cell Calcium	2013	10.1371/journal.pone.0080068.g001	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0080068
696	K. H. Chiu, Y. H. Chang, Y. S. Wu, S. H. Lee and P. C. Liao	Quantitative Secretome Analysis Reveals that COL6A1 is a Metastasis-Associated Protein Using Stacking Gel-Aided Purification Combined with iTRAQ Labeling	Journal of Proteome Research	2013	10.1002/stem.1312	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/stem.1312/abstract
697	S. Chaterji, K. Park and A. Panitch	Scaffold-free in vitro arterial mimetics: the importance of smooth muscle-endothelium contact	Tissue Engineering	2013	10.3892/or.2013.2401	µ-Dish 35 mm	http://www.spandidos-publications.com/or/29/6/2311
698	I. Böhme, K. Mörl, D. Bamming, C. Meyer and A. G. Beck-Sickinger	Tracking of human Y receptors in living cells—A fluorescence approach	Peptides	2013	10.1371/journal.pone.0085392	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0085392#pone-0085392-g005

699	P. J. Hanley, M. Kronlage, C. Kirschning, A. del Rey, F. Di Virgilio, J. Leipziger, I. P. Chessell, S. Sargin, M. A. Filippov and O. Lindemann	Transient P2X7 Receptor Activation Triggers Macrophage Death Independent of TLR2/4, CASP1 and PANX1	Journal of Biological Chemistry	2013	10.1016/j.biomaterials.2013.12.010	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0142961213014798
700	M. Hasmim, M. Z. Noman, J. Lauriol, H. Benlalam, A. Mallavialle, F. Rosselli, F. Mami-Chouaib, C. Alcaide-Loridan and S. Chouaib	Hypoxia-Dependent Inhibition of Tumor Cell Susceptibility to CTL-Mediated Lysis Involves NANOG Induction in Target Cells	The Journal of Immunology	2013	10.1111/j.1399-6576.2011.02455.x	µ-Dish 35 mm	http://icvts.oxfordjournals.org/content/early/2013/12/17/icvts.ivt450.short
701	M. I. Hermanns, J. Kasper, P. Dubruel, C. Pohl, C. Uboldi, V. Vermeersch, S. Fuchs, R. E. Unger and C. J. Kirkpatrick	An impaired alveolar-capillary barrier in vitro: effect of proinflammatory cytokines and consequences on nanocarrier interaction	Journal of The Royal Society Interface	2013	http://dx.doi.org/10.1016/j.yjmcc.2013.12.006	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0022282813003556
702	A. Anielski, E. K. B. Pfannes and C. Beta	Cell shape recognition and segmentation in fluorescence microscopy images	Journal of Computational Interdisciplinary Sciences	2013	10.1038/ncomms3552	µ-Dish 35 mm glass bottom	http://www.nature.com/ncomms/2013/131010/ncomms3552/full/ncomms3552.html
703	C. Henry, A. Quadir, N. J. Hawkins, E. Jary, E. Llamosas, D. Kumar, B. Daniels, R. L. Ward and C. E. Ford	Expression of the novel Wnt receptor ROR2 is increased in breast cancer and may regulate both beta-catenin dependent and independent Wnt signalling	Journal of Cancer Research and Clinical Oncology	2013	10.1371/journal.pone.0082560	µ-Dish 35 mm glass bottom	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0082560#pone-0082560-g008
704	D. Flormann, E. Kuder, P. Lipp, C. Wagner and L. Kaestner	Is there a role of C-reactive protein in red blood cell aggregation?	International Journal of Laboratory Hematology	2013	10.1021/ac401431u	µ-Dish 35 mm glass bottom	http://pubs.acs.org/doi/abs/10.1021/ac401431u
705	M. Hayakawa, H. Hayakawa, Y. Matsuyama, H. Tamemoto, H. Okazaki and S.-i. Tominaga	Mature interleukin-33 is produced by calpain-mediated cleavage in vivo	Biochemical and Biophysical Research Communications	2013	http://dx.doi.org/10.1016/j.abb.2013.04.011	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0003986113001471

706	A. Hassinen and S. Kellokumpu	Organizational interplay of Golgi N-glycosyltransferases involves organelle microenvironment-dependent transitions between enzyme homo- and heteromers	Journal of Biological Chemistry	2013	10.1093/nar/gkt1001	µ-Dish 35 mm glass bottom	http://nar.oxfordjournals.org/content/early/2013/11/04/nar.gkt1001.short
707	R. Hennel, N. Brix, K. Seidl, A. Ernst, H. Scheithauer, C. Belka and K. Lauber	Release of monocyte migration signals by breast cancer cell lines after ablative and fractionated gamma-irradiation	Radiation Oncology	2013	10.1007/s00424-013-1404-z	µ-Dish 35 mm glass bottom	http://link.springer.com/article/10.1007/s00424-013-1404-z#
708	K. Hensel, A. Maghnouj, S. A. Hahn and G. Schmitz	Robust adaption algorithm for effective and safe sonoporation therapy		2013	doi:10.3791/50083	µ-Dish 35 mm glass bottom	http://www.jove.com/video/50083/4d-imaging-of-protein-aggregation-in-live-cells
709	S. Braig, F. Bischoff, B. Abhari, L. Meijer, S. Fulda, L. Skaltsounis and A. Vollmar	The pleiotropic profile of the indirubin derivative 6BIO overcomes TRAIL resistance in cancer	Biochemical Pharmacology	2013	10.1074/jbc.M113.474825	µ-Dish 35 mm glass bottom	http://www.jbc.org/content/288/50/35852.short
710	V. Hearnden, S. MacNeil and G. Battaglia	Tracking nanoparticles in three-dimensional tissue-engineered models using confocal laser scanning microscopy	Methods in molecular biology (Clifton, NJ)	2013	10.1371/journal.pone.0080861.t001	µ-Dish 35 mm glass bottom	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0080861
711	S. H. Cheng, C. H. Lee, M. C. Chen, J. S. Souris, F. G. Tseng, C. S. Yang, C. Y. Mou, C. T. Chen and L. W. Lo	Tri-functionalization of mesoporous silica nanoparticles for comprehensive cancer theranostics—the trio of imaging, targeting and therapy	J. Mater. Chem.	2013	10.1155/2013/463951	µ-Dish 35 mm glass bottom	http://www.hindawi.com/journals/jnm/2013/463951/abs/
712	J. Heureaux, D. Chen, V. Murray, C. Deng and A. Liu	Activation of a Bacterial Mechanosensitive Channel in Mammalian Cells by Cytoskeletal Stress	Cellular and Molecular Bioengineering	2013	10.1371/journal.pone.0083005	µ-Dish 35 mm high	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0083005#pone-0083005-g004
713	C. Hiepen, A. Benn, A. Denkis, I. Lukonin, C. Weise, J. Boergermann and P. Knaus	BMP2-induced chemotaxis requires PI3K p55gamma/p110alpha-dependent phosphatidylinositol (3, 4, 5)-triphosphate production and LL5beta recruitment at the cytocortex	BMC Biology	2013	10.1371/journal.pone.0076566.g001	µ-Dish 35 mm high	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0076566

714	W. Hild, K. Pollinger, A. Caporale, C. Cabrele, M. Keller, N. Pluym, A. Buschauer, R. Rachel, J. Tessmar and M. Breunig	G protein-coupled receptors function as logic gates for nanoparticle binding and cell uptake	Proceedings of the National Academy of Sciences	2013	10.1177/1535370213510665	µ-Dish 35 mm high	http://ebm.sagepub.com/content/early/2013/11/06/1535370213510665.abstract
715	F. B. Hickey, J. B. Corcoran, N. G. Docherty, B. Griffin, U. Bhreathnach, F. Furlong, F. Martin, C. Godson and M. Murphy	IHG-1 Promotes Mitochondrial Biogenesis by Stabilizing PGC-1{alpha}	J. Am. Soc. Nephrol.	2013	http://dx.doi.org/10.1016/j.pan.2013.11.009	µ-Dish 35 mm high	http://www.sciencedirect.com/science/article/pii/S1424390313008442
716	E. Hethershaw, A. Cilia La Corte, C. Duval, M. Ali, P. Grant, R. Ariëns and H. Philippou	The Effect of Blood Coagulation Factor XIII on Fibrin Clot Structure and Fibrinolysis	Journal of Thrombosis and Haemostasis	2013	10.1074/jbc.M113.466888	µ-Dish 35 mm high	http://www.jbc.org/content/early/2013/06/03/jbc.M113.466888.short
717	J. Hinz, L. Lehnhardt, S. Zakrzewski, G. Zhang and Z. Ignatova	Polyglutamine expansion alters the dynamics and molecular architecture of aggregates in dentatorubropallidoluysian atrophy	Journal of Biological Chemistry	2013	10.1172/JCI68991	µ-Dish 35 mm high, culture-Insert	http://www.jci.org/articles/view/68991
718	L. M. Carlin, R. Evans, H. Milewicz, L. Fernandes, D. R. Matthews, M. Perani, J. Levitt, M. D. Keppler, J. Monypenny, T. Coolen, P. R. Barber, B. Vojnovic, K. Suhling, F. Fraternali, S. Ameer-Beg, P. J. Parker, N. S. B. Thomas and T. Ng	A Targeted siRNA Screen Identifies Regulators of Cdc42 Activity at the Natural Killer Cell Immunological Synapse	Sci. Signal.	2013	10.1016/B978-0-12-801075-4.00005-7	µ-Dish 35 mm high, Grid-500, µ-Dish 35 mm glass bottom	http://europepmc.org/abstract/med/25287838
719	M. Hirsch, D. Strand and M. Helm	Dye selection for live cell imaging of intact siRNA	Biological Chemistry	2013	10.1111/cas.12322	µ-Dish 35 mm low	http://onlinelibrary.wiley.com/doi/10.1111/cas.12322/full
720	I. A. W. Ho, H. C. Toh, W. H. Ng, Y. L. Teo, C. M. Guo, K. M. Hui and P. Y. P. Lam	Human Bone Marrow-Derived Mesenchymal Stem Cells Suppress Human Glioma Growth Through Inhibition of Angiogenesis	Stem Cells	2013	10.1083/jcb.201309038	µ-Dish 35 mm low	http://jcb.rupress.org/content/203/5/747.abstract
721	S. Duguez, W. Duddy, H. Johnston, J. Lainé, M. Le Bihan, K. Brown, A. Bigot, Y. Hathout, G. Butler-Browne and T. Partridge	Dystrophin deficiency leads to disturbance of LAMP1-vesicle-associated protein secretion	Cellular and Molecular Life Sciences	2013	10.1002/dneu.22139	µ-Dish 35 mm low, Grid-500	http://onlinelibrary.wiley.com/doi/10.1002/dneu.22139/abstract;jsessionid=33910B62B30381A422955052ED071366.f01t02?deniedAccessCustomisedMessage=&userIsAuthenticated=false

722	J. Choi, T. Cheong, N. Ha, Y. Ko, C. Cho, J. Jeon, I. So, I. Kim, M. Choi and I. Kim	Orientia tsutsugamushi Subverts Dendritic Cell Functions by Escaping from Autophagy and Impairing Their Migration	PLoS neglected tropical diseases	2013	10.1007/s00466-013-0960-6	µ-Dish 35 mm, µ-Slide 8 well	http://link.springer.com/article/10.1007/s00466-013-0960-6#
723	A. Ferrari, M. Cecchini, M. Serresi, P. Faraci, D. Pisignano and F. Beltram	Neuronal polarity selection by topography-induced focal adhesion control	Biomaterials	2013	10.1371/journal.pone.0062165	µ-Dish 35 mm, µ-Slide 8 well, µ-Dish 35 mm glass bottom	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0062165
724	M. Höhne, C. Ising, H. Hagmann, L. A. Völker, S. Brähler, B. Schermer, P. T. Brinkkoetter and T. Benzing	Light Microscopic Visualization of Podocyte Ultrastructure Demonstrates Oscillating Glomerular Contractions	The American journal of pathology	2013	10.1126/science.1240672	µ-Dish 35 mm, Grid-50	http://pubman.mpdl.mpg.de/pubman/item/escidoc:1835352:2/component/escidoc:1835354/1835352_Supplement_1.pdf
725	C. Frauer, A. Rottach, D. Meilinger, S. Bultmann, K. Fellinger, S. Hasenöder, M. Wang, W. Qin, J. Söding and F. Spada	Different Binding Properties and Function of CXXC Zinc Finger Domains in Dnmt1 and Tet1	PLoS ONE	2013	10.1016/j.bbrc.2013.06.058	µ-Dish 50 mm, µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0006291X13010450
726	M. Clarke, A. Muller-Taubenberger, K. I. Anderson, U. Engel and G. Gerisch	Mechanically Induced Actin-mediated Rocketing of Phagosomes	Molecular Biology of the Cell	2013	10.1186/1756-6606-6-22	µ-Dish, Culture-Insert	http://www.biomedcentral.com/content/pdf/1756-6606-6-22.pdf
727	P. P. Y. Chu, S. Bari, X. Fan, F. P. H. Gay, J. M. L. Ang, G. N. C. Chiu, S. K. Lim and W. Y. K. Hwang	Intercellular cytosolic transfer correlates with mesenchymal stromal cell rescue of umbilical cord blood cell viability during ex vivo expansion	Cytotherapy	2013	10.1593/neo.13276	µ-Plate 96 well	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3689232/
728	L. Chronopoulou, A. R. Togna, G. Guarguaglini, G. Masci, F. Giammaruco, G. I. Togna and C. Palocci	Self-assembling peptide hydrogels promote microglial cells proliferation and NGF production	Soft Matter	2013	10.4161/intv.26138	µ-Plate 96 well	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3859690/
729	J. Bain, J. Louw, L. Lewis, B. Okai, C. Walls and E. Ballou	Candida albicans Hypha Formation and Mannan Masking of beta-Glucan Inhibit Macrophage Phagosome Maturation	mBio	2013	10.1155/2013/710239	µ-Plate 96 well, µ-Slide 8 well	http://www.hindawi.com/journals/mi/2013/710239/abs/
730	K. Hotta, S. Ranganathan, R. Liu, F. Wu, H. Machiyama, R. Gao, H. Hirata, N. Soni, T. Ohe and C. Hogue	Biophysical Properties of Intrinsically Disordered p130Cas Substrate Domain—Implication in Mechanosensing	PLoS computational biology	2013	10.1177/2211068213497204	µ-Slide 18 well flat	http://jla.sagepub.com/content/18/6/504.short

731	R. Bretón-Romero, R. Acín-Perez, F. Rodríguez-Pascual, M. Martínez-Molledo, R. Brandes, E. Rial, J. Enríquez and S. Lamas	Laminar shear stress regulates mitochondrial dynamics, bioenergetics responses and PRX3 activation in endothelial cells	Biochimica et Biophysica Acta (BBA) - Molecular Cell Research	2013	10.1088/1367-2630/15/1/015007	µ-Slide 18 well flat	http://iopscience.iop.org/1367-2630/15/1/015007
732	F. Foerster, S. Braig, T. Chen, K. Altmann and A. Vollmar	Pharmacological characterization of actin-binding (-)-Doliculide	Bioorganic & Medicinal Chemistry	2013	10.1371/journal.pone.0082234.t002	µ-Slide 18 well flat	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0082234
733	L. Hosta-Rigau and B. Städler	Shear Stress and its Effect on the Interaction of Myoblast Cells with Nano-Sized Drug Delivery Vehicles	Molecular pharmaceutics	2013	10.1134/S1062360413060039	µ-Slide 18 well flat	http://link.springer.com/article/10.1134/S1062360413060039#
734	L. W. Hsu, S. Goto, T. Nakano, K. D. Chen, C. C. Wang, C. Y. Lai, C. H. Hou, Y. C. Chang, Y. F. Cheng and K. W. Chiu	The effect of exogenous histone H1 on rat adiposeâ€?derived stem cell proliferation, migration, and osteogenic differentiation in vitro	Journal of Cellular Physiology	2013	http://dx.doi.org/10.1016/j.jsb.2013.04.011	µ-Slide 18 well flat	http://www.sciencedirect.com/science/article/pii/S1047847713001111
735	C. Friedrich, N. Endlich, W. Kriz and K. Endlich	Podocytes are sensitive to fluid shear stress in vitro	Am J Physiol Renal Physiol	2013	10.1128/AAC.00934-12	µ-Slide 6 well	http://aac.asm.org/content/57/4/1701.short
736	E. Birkenhauer and S. Neethirajan	A Double-Edged Sword: The Role of VEGF in Wound Repair and Chemoattraction of Opportunist Pathogens	International journal of molecular sciences	2013	10.1109/TUFFc.2013.2534	µ-Slide 8 well	http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6396483&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D6396483
737	V. Kiyasova, S. P. Fernandez, J. Laine, L. Stankovski, A. Muzerelle, S. Doly and P. Gaspar	A genetically defined morphologically and functionally unique subset of 5-HT neurons in the mouse raphe nuclei	The Journal of Neuroscience	2013	10.1083/jcb.201308173	µ-Slide 8 well	http://jcb.rupress.org/content/203/5/757.short
738	L. R. Bohrer, S. Chen, T. C. Hallstrom and H. Huang	Androgens Suppress EZH2 Expression Via Retinoblastoma (RB) and p130-Dependent Pathways: A Potential Mechanism of Androgen-Refractory Progression of Prostate Cancer	Endocrinology	2013	10.1074/jbc.M113.535807	µ-Slide 8 well	http://www.jbc.org/content/early/2013/11/26/jbc.M113.535807.short

739	V. Fernández-Moreira, B. Song, V. Sivagnanam, A. S. Chauvin, C. D. B. Vandevyver, M. Gijs, I. Hemmilä, H. A. Lehr and J. C. G. Bünzli	Bioconjugated lanthanide luminescent helicates as multilabels for lab-on-a-chip detection of cancer biomarkers	The Analyst	2013	10.1101/000653	µ-Slide 8 well	http://www.biorxiv.org/content/biorxiv/early/2014/01/30/000653.full.pdf
740	M. Clement, G. Fornasa, K. Guedj, S. Mkaddem, A. Gaston, J. Khallou-Laschet, M. Morvan, A. Nicoletti and G. Caligiuri	CD31 is a key coinhibitory receptor in the development of immunogenic dendritic cells	Proceedings of the National Academy of Sciences	2013	10.1371/journal.pone.0069797	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0069797#pone-0069797-g009
741	D. Kölmel, D. Fürniss, S. Susanto, A. Lauer, C. Grabher, S. Bräse and U. Schepers	Cell Penetrating Peptoids (CPPos): synthesis of a small combinatorial library by using IRORI MiniKans	Pharmaceuticals	2013	10.1021/jp4067026	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/jp4067026
742	T. Jin and D. E. Hereld	Chemotaxis Methods and Protocols, Series: Methods in Molecular Biology	Chapter 26. Imaging Actin Cytoskeleton Dynamics in Dictyostelium Chemotaxis (Günther Gerisch)	2013	10.1371/journal.pone.0085076	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0085076
743	M. Kourti, G. Ikonomou, N. Giakoumakis, M. Rapsomaniki, U. Landegren, S. Siniossoglou, Z. Lygerou, G. Simos and I. Mylonis	CK1-delta restrains lipin-1 induction, lipid droplet formation and cell proliferation under hypoxia by reducing HIF-1alpha/ARNT complex formation	Cellular signalling	2013	http://dx.doi.org/10.1016/j.bbrc.2013.12.062	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0006291X13021311
744	R. Bischler, M. Olszyna, M. Himmelhaus and L. Dähne	Development of a fully automated in-vitro diagnostics system based on low-Q whispering gallery modes in fluorescent microparticles	The European Physical Journal Special Topics	2013	org/10.1016/j.ijmm.2012.11.005	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1438422112000914

745	F. S. Ielasi, M. Hirtz, S. Sekula-Neuner, T. Laue, H. Fuchs and R. G. Willaert	Dip-Pen Nanolithography-Assisted Protein Crystallization	Journal of the American Chemical Society	2013	10.1016/j.jconrel.2013.12.015	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0168365913009577
746	S. Köhler, S. Ullrich, U. Richter and U. Schumacher	E-/P-selectins and colon carcinoma metastasis: first in vivo evidence for their crucial role in a clinically relevant model of spontaneous metastasis formation in the lung	British journal of cancer	2013	10.1093/cvr/cvt075	µ-Slide 8 well	http://cardiovascres.oxfordjournals.org/content/99/3/471.short
747	M. Kino-oka, T. X. Ngo, E. Nagamori, Y. Takezawa, Y. Miyake, Y. Sawa, A. Saito, T. Shimizu, T. Okano and M. Taya	Evaluation of vertical cell fluidity in a multilayered sheet of skeletal myoblasts	Journal of Bioscience and Bioengineering	2013	http://dx.doi.org/10.1016/j.yexcr.2013.05.021	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0014482713002279
748	J. Brun, F. Dieudonné, C. Marty, J. Müller, R. Schüle, A. Patiño-García, F. Lecanda, O. Fromigué and P. Marie	FHL2 silencing reduces Wnt signaling and osteosarcoma tumorigenesis in vitro and in vivo	PloS one	2013	10.1039/C2OB27039K	µ-Slide 8 well	http://pubs.rsc.org/EN/content/articlelanding/2013/ob/c2ob27039k#!divAbstract
749	B. Fuchs, U. Budde, A. Schulz, C. M. Kessler, C. Fisseau and C. Kannicht	Flow-based measurements of von Willebrand factor (VWF) function: Binding to collagen and platelet adhesion under physiological shear rate	Thrombosis Research	2013	10.1002/anie.201208991	µ-Slide 8 well	http://dx.doi.org/10.1002/anie.201208991
750	A. K. Chauhan, T. Goerge, S. W. Schneider and D. D. Wagner	Formation of platelet strings and microthrombi in the presence of ADAMTS-13 inhibitor does not require P-selectin or ß 3 integrin	Journal of Thrombosis and Haemostasis	2013	10.3390/toxins5112241	µ-Slide 8 well	http://www.mdpi.com/2072-6651/5/11/2241/pdf
751	K. König, L. Diehl, U. Rommerscheidt-Fuss, C. Golletz, T. Quast, P. Kahl, W. Kolanus, P. Knolle, R. Buettner and L. C. Heukamp	Four-and-a-Half LIM Domain Protein 2 Is a Novel Regulator of Sphingosine 1-Phosphate Receptor 1 in CCL19-Induced Dendritic Cell Migration	The Journal of Immunology	2013	10.1128/AEM.02515-13	µ-Slide 8 well	http://aem.asm.org/content/79/23/7179.short
752	J. Jäger, S. Keese, M. Roessle, M. Steinert and A. Schromm	Fusion of Legionella pneumophila outer membrane vesicles with eukaryotic membrane systems is a mechanism to deliver pathogen factors to host cell membranes	Cellular Microbiology	2013	10.1074/jbc.M113.517003	µ-Slide 8 well	http://www.jbc.org/content/early/2013/11/25/jbc.M113.517003.short

753	S. Kawai-Noma, C.-G. Pack, T. Kojidani, H. Asakawa, Y. Hiraoka, M. Kinjo, T. Haraguchi, H. Taguchi and A. Hirata	In vivo evidence for the fibrillar structures of Sup35 prions in yeast cells	J. Cell Biol.	2013	10.1074/jbc.M113.529271	µ-Slide 8 well	http://www.jbc.org/content/early/2013/12/31/jbc.M113.529271.short
754	J. Kasper, M. I. Hermanns, C. Bantz, O. Koshkina, T. Lang, M. Maskos, C. Pohl, R. E. Unger and C. J. Kirkpatrick	Interactions of silica nanoparticles with lung epithelial cells and the association to flotillins	Archives of Toxicology	2013	10.1002/mabi.201300363	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/mabi.201300363/abstract?systemMessage=Wiley+Online+Library+will+be+disrupted+on+7+December+from+10%3A00-15%3A00+BST+%2805%3A00-10%3A00+EDT%29+for+essential+maintenance&userIsAuthenticated=false&deniedAccessCustomisedMessage=
755	J. Kalucka, A. Ettinger, K. Franke, S. Mamlouk, R. Singh, K. Farhat, A. Muschter, S. Olbrich, G. Breier and D. Katschinski	Loss of Epithelial Hypoxia-Inducible Factor Prolyl Hydroxylase 2 Accelerates Skin Wound Healing in Mice	Molecular and cellular biology	2013	10.1073/pnas.1301440110	µ-Slide 8 well	http://www.pnas.org/content/110/33/E3138.short
756	S. Elgass, A. Cooper and M. Chopra	Lycopene inhibits angiogenesis in human umbilical vein endothelial cells and rat aortic rings	British Journal of Nutrition	2013	10.1016/j.jcis.2013.07.065	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0021979713007285
757	Y. Dondelinger, W. Declercq, S. Montessuit, R. Roelandt, A. Goncalves, I. Bruggeman, P. Hulpiau, K. Weber, C. Sehon and R. Marquis	MLKL Compromises Plasma Membrane Integrity by Binding to Phosphatidylinositol Phosphates	Cell Reports	2013	10.3390/microarrays2030208	µ-Slide 8 well	http://www.mdpi.com/2076-3905/2/3/208
758	M. Kogawa, D. M. Findlay, P. H. Anderson and G. J. Atkins	Modulation of osteoclastic migration by metabolism of 25 (OH)-vitamin D3	The Journal of Steroid Biochemistry and Molecular Biology	2013	10.1016/j.bbadis.2013.12.006	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S092544391300361X
759	G. Gatti, G. Maresca, M. Natoli, F. Florenzano, A. Nicolin, A. Felsani and I. D'Agnano	Myc Prevents Apoptosis and Enhances Endoreduplication Induced by Paclitaxel	PLoS ONE	2013	10.1128/jvi.00720-13	µ-Slide 8 well	http://jvi.asm.org/content/87/13/7569.abstract
760	E. Joo and K. Yamada	MYPT1 regulates contractility and microtubule acetylation to modulate integrin adhesions and matrix assembly	Nature communications	2013	10.1371/journal.pone.0081450	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0081450

761	L. Hubert, R. Darbousset, L. Panicot-Dubois, S. Robert, F. Sabatier, K. Fallague, F. Dignat-George and C. Dubois	Neutrophils recruit and activate Human Endothelial Colony Forming Cells at the site of vessel injury via PSGL-1 and L-Selectin	Journal of Thrombosis and Haemostasis	2013	10.1111/bcpt.12135	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/bcpt.12135/abstract;jsessionid=7A588DDBD9A98A38849C3F93C2B56F76.f02t03?deniedAccessCustomisedMessage=&userIsAuthenticated=false
762	U. Gehlsen, M. Szaszák, A. Gebert, N. Koop, G. Hüttmann and P. Steven	Non-Invasive Multi-Dimensional Two-Photon Microscopy enables optical fingerprinting (TPOF) of immune cells	Journal of Biophotonics	2013	10.1038/ncb433	µ-Slide 8 well	http://rstb.royalsocietypublishing.org/content/368/1629/20130014.short
763	K. Ezzat, S. El Andaloussi, E. M. Zaghloul, T. Lehto, S. Lindberg, P. Moreno, J. R. Viola, T. Magdy, R. Abdo and P. Guterstam	PepFect 14, a novel cell-penetrating peptide for oligonucleotide delivery in solution and as solid formulation	Nucleic Acids Research	2013	10.1102/000653	µ-Slide 8 well	http://biorxiv.org/content/biorxiv/early/2013/11/21/000653.full.pdf
764	G. Kooij, J. Kroon, D. Paul, A. Reijerkerk, D. Geerts, S. van der Pol, B. van het Hof, J. Drexhage, S. van Vliet and L. Hekking	P-glycoprotein regulates trafficking of CD8+ T cells to the brain parenchyma	Acta neuropathologica	2013	10.1016/j.molonc.2013.08.011	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1574789113001221
765	H. Döppler, L. Bastea, L. Lewis-Tuffin, P. Anastasiadis and P. Storz	Protein kinase D1-mediated phosphorylations regulate vasodilator-stimulated phosphoprotein (VASP) localization and cell migration	Journal of Biological Chemistry	2013	10.1074/jbc.M112.443879	µ-Slide 8 well	http://www.jbc.org/content/early/2013/01/09/jbc.M112.443879.short
766	T. Jao, M. Tsai, H. Lio, W. Weng, C. Chen, S. Tzeng, C. Chang, Y. Lai, S. Yen and S. Yu	Protocadherin 10 suppresses tumorigenesis and metastasis in colorectal cancer and its genetic loss predicts adverse prognosis	International Journal of Cancer	2013	10.1002/cyto.a.22333	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/cyto.a.22333/abstract;jsessionid=E462A6DA3A6D496602CDACF4F7A266E0.f02t03?systemMessage=Wiley+Online+Library+will+be+disrupted+on+7+December+from+10%3A00-15%3A00+BST+%2805%3A00-10%3A00+EDT%29+for+essential+maintenance&userIsAuthenticated=false&deniedAccessCustomisedMessage=
767	R. L. Bakst, N. Lee, S. He, N. Chernichenko, C. H. Chen, G. Linkov, H. C. Le, J. Koutcher, E. Vakiani and R. J. Wong	Radiation Impairs Perineural Invasion by Modulating the Nerve Microenvironment	PLoS ONE	2013	10.1007/s00411-012-0451-8	µ-Slide 8 well	http://link.springer.com/article/10.1007/s00411-012-0451-8#
768	S. Irtegun, Y. M. Ramdzan, T. D. Mulhern and D. M. Hatters	ReAsH/FlAsH Labeling and Image Analysis of Tetracysteine Sensor Proteins in Cells	Journal of Visualized Experiments	2013	10.1096/fj.13-240507	µ-Slide 8 well	http://www.fasebj.org/content/early/2013/12/10/fj.13-240507.abstract

769	C. Büll, T. Boltje, M. Wassink, A. de Graaf, F. van Delft, M. den Brok and G. Adema	Targeting Aberrant Sialylation in Cancer Cells Using a Fluorinated Sialic Acid Analog Impairs Adhesion, Migration, and In Vivo Tumor Growth	Molecular cancer therapeutics	2013	10.1186/1478-811X-11-99	µ-Slide 8 well	http://www.biosignaling.com/content/11/1/99/abstract
770	E. Keliher, T. Reiner, S. Earley, J. Klubnick, C. Tassa, A. Lee, S. Ramaswamy, N. Bardeesy, D. Hanahan and R. DePinho	Targeting cathepsin E in pancreatic cancer by a small molecule allows in vivo detection	Neoplasia (New York, NY)	2013	10.1073/pnas.1316253111	µ-Slide 8 well	http://www.pnas.org/content/early/2013/12/26/1316253111.short
771	G. Ferrari-Toninelli, S. A. Bonini, D. Uberti, L. Buizza, P. Bettinsoli, P. L. Poliani, F. Facchetti and M. Memo	Targeting Notch pathway induces growth inhibition and differentiation of neuroblastoma cells	Neuro Oncology	2013	10.1096/fj.13-235754	µ-Slide 8 well	http://www.fasebj.org/content/early/2013/12/23/fj.13-235754.short
772	S. Kamakura, M. Nomura, J. Hayase, Y. Iwakiri, A. Nishikimi, R. Takayanagi, Y. Fukui and H. Sumimoto	The cell polarity protein mInsc regulates neutrophil chemotaxis via a noncanonical G protein signaling pathway	Developmental cell	2013	10.1152/ajpcell.00108.2013	µ-Slide 8 well	http://ajpcell.physiology.org/content/early/2013/05/24/ajpcell.00108.2013.abstract
773	M. Geissbuehler, T. Spielmann, A. Formey, I. Märki, M. Leutenegger, B. Hinz, K. Johnsson, D. Van De Ville and T. Lasser	Triplet imaging of oxygen consumption during the contraction of a single smooth muscle cell (A7r5)	Biophysical Journal	2013	10.1186/1742-4690-10-27	µ-Slide 8 well	http://www.biomedcentral.com/content/pdf/1742-4690-10-27.pdf
774	B. Beirowski, E. Babetto, J. Gilley, F. Mazzola, L. Conforti, L. Janeckova, G. Magni, R. R. Ribchester and M. P. Coleman	Non-Nuclear WldS Determines Its Neuroprotective Efficacy for Axons and Synapses In Vivo	J. Neurosci	2013	10.1073/pnas.1310745110	µ-Slide 8 well glass bottom	
775	C. Blugeon, S. Le Crom, L. Richard, J. M. Vallat, P. Charnay and L. Decker	Dok4 is involved in Schwann cell myelination and axonal interaction in vitro	Glia	2013	10.1371/journal.ppat.1003392	µ-Slide 8 well, µ-Dish 35 mm glass bottom	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1003392
776	K. Kristensen, J. Henriksen and T. Andresen	Quantification of leakage from large unilamellar lipid vesicles by fluorescence correlation spectroscopy	Biochimica et Biophysica Acta (BBA) - Biomembranes	2013	10.1074/jbc.M113.493643	µ-Slide 8 well, µ-Slide VI 0.4	http://www.jbc.org/content/early/2013/12/04/jbc.M113.493643.short
777	A. Bondar and J. Lazar	Dissociated GalphaGTP and Gbeta-gamma Subunits are the Major Activated Form of Heterotrimeric Gi/o Proteins	Journal of Biological Chemistry	2013	10.1371/journal.pone.0076192	µ-Slide 8 well, Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0076192#pone-0076192-g011

778	W. Dammermann, B. Zhang, M. Nebel, C. Cordiglieri, F. Odoardi, T. Kirchberger, N. Kawakami, J. Dowden, F. Schmid, K. Dornmair, M. Hohenegger, A. Flugel, A. H. Guse and B. V. L. Potter	NAADP-mediated Ca2+ signaling via type 1 ryanodine receptor in T cells revealed by a synthetic NAADP antagonist	PNAS	2013	10.1007/s00216-013-7251-0	µ-Slide 8 well, Grid-500, µ-Dish 35 mm	http://link.springer.com/article/10.1007/s00216-013-7251-0#page-1
779	M. Kurogi, Y. Kawai, K. Nagatomo, M. Tateyama, Y. Kubo and O. Saitoh	Auto-oxidation Products of Epigallocatechin Gallate Activate TRPA1 and TRPV1 in Sensory Neurons	Chemical Senses	2013	10.1002/emmm.201302752	µ-Slide Angiogenesis	http://onlinelibrary.wiley.com/doi/10.1002/emmm.201302752/full
780	E. Kwee, K. Powell and G. Muschler	Characterization of connective tissue progenitors through phase contrast and multicolor fluorescence time-lapse microscopy	SPIE BiOS	2013	10.3892/ijo.2013.2220	µ-Slide Angiogenesis	http://www.spandidos-publications.com/10.3892/ijo.2013.2220?text=abstract
781	A. Fabian, T. Fortmann, E. Bulk, V. C. Bomben, H. Sontheimer and A. Schwab	Chemotaxis of MDCK-F cells toward fibroblast growth factor-2 depends on transient receptor potential canonical channel 1	Pflügers Archiv European Journal of Physiology	2013	10.1007/s10637-013-9981-4	µ-Slide Angiogenesis	http://link.springer.com/article/10.1007/s10637-013-9981-4#
782	J. Burns, N. Al-Juffali, S. Janes and S. Howorka	Membrane-Spanning DNA Nanopores with Cytotoxic Effect	Angewandte Chemie International Edition	2013	10.1371/journal.pone.0075577	µ-Slide Angiogenesis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0075577
783	S. Lachambre, C. Chopard and B. Beaumelle	Preliminary characterisation of nanotubes connecting T-cells and their use by HIV-1	Biology of the Cell	2013	10.1088/2040-8978/15/9/094005	µ-Slide Angiogenesis	http://iopscience.iop.org/2040-8986/15/9/094005
784	C. Cicchini, I. Laudadio, F. Citarella, M. Corazzari, C. Steindler, A. Conigliaro, A. Fantoni, L. Amicone and M. Tripodi	TGFbeta-induced EMT requires focal adhesion kinase (FAK) signaling	Experimental Cell Research	2013	10.1371/journal.pone.0058723.t003.	µ-Slide Angiogenesis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0058723
785	P. Chen, B. K. Chen, A. Mosoian, T. Hays, M. J. Ross, P. E. Klotman and M. E. Klotman	Virological Synapses Allow HIV-1 Uptake and Gene Expression in Renal Tubular Epithelial Cells	J. Am. Soc. Nephrol.	2013	10.1182/blood-2013-02-478925	µ-Slide Angiogenesis	http://bloodjournal.hematologylibrary.org/content/121/19/3997?variant=short&sso-checked=1

786	S. Landshamer, M. Hoehn, N. Barth, S. Duvezin-Caubet, G. Schwake, S. Tobaben, I. Kazhdan, B. Becattini, S. Zahler, A. Vollmar, M. Pellecchia, A. Reichert, N. Plesnila, E. Wagner and C. Culmsee	Bid-induced release of AIF from mitochondria causes immediate neuronal cell death	Cell Death & Differentiation	2013	http://dx.doi.org/10.1016/j.scr.2013.04.006	µ-Slide Chemotaxis	http://www.sciencedirect.com/science/article/pii/S1873506113000445
787	M. G. Lampugnani, F. Orsenigo, N. Rudini, L. Maddaluno, G. Boulday, F. Chapon and E. Dejana	CCM1 regulates vascular-lumen organization by inducing endothelial polarity	J. Cell Sci.	2013	10.3390/pr1030349	µ-Slide Chemotaxis	http://www.mdpi.com/2227-9717/1/3/349/pdf
788	U. Lalo, S. Jones, J. A. Roberts, M. P. Mahaut-Smith and R. J. Evans	Heat shock protein 90 inhibitors reduce trafficking of ATP-gated P2X1 receptors and human platelet responsiveness	Journal of Biological Chemistry	2013	10.1007/s12010-013-0413-x	µ-Slide Chemotaxis	http://link.springer.com/article/10.1007/s12010-013-0413-x#
789	T. Lämmermann, B. L. Bader, S. J. Monkley, T. Worbs, R. Wedlich-Soldner, K. Hirsch, M. Keller, R. Forster, D. R. Critchley, R. Fassler and M. Sixt	Rapid leukocyte migration by integrin-independent flowing and squeezing	Nature	2013	10.1002/oby.20642	µ-Slide Chemotaxis	http://onlinelibrary.wiley.com/doi/10.1002/oby.20642/abstract
790	S. Elhaik-Goldman, D. Kafka, R. Yossef, U. Hadad, M. Elkabets, A. Vallon-Eberhard, L. Hulihel, S. Jung, H. Ghadially, A. Braiman, R. N. Apte, O. Mandelboim, R. Dagan, Y. Mizrachi-Nebenzahl and A. Porgador	The Natural Cytotoxicity Receptor 1 Contribution to Early Clearance of <italic>Streptococcus pneumoniae</italic> and to Natural Killer-Macrophage Cross Talk	PLoS ONE	2013	10.1016/j.devcel.2013.06.008	µ-Slide Chemotaxis	http://www.sciencedirect.com/science/article/pii/S153458071300347X
791	A. W. Duncan, A. E. Hanlon Newell, L. Smith, E. M. Wilson, S. B. Olson, M. J. Thayer, S. C. Strom and M. Grompe	Frequent Aneuploidy Among Normal Human Hepatocytes	Gastroenterology	2013	10.1158/0008-5472.can-12-3564	µ-Slide Chemotaxis 2D	http://cancerres.aacrjournals.org/content/73/11/3412.abstract
792	J. Lazar, A. Bondar, S. Timr and S. J. Firestein	Two-Photon Polarization Microscopy Reveals Protein Structure and Function	Nature Methods	2013	10.1242/jcs.118232	µ-Slide Chemotaxis 2D	http://jcs.biologists.org/content/126/20/4572.short
793	C. Y. Lee, Y. W. Kam, J. Fric, B. Malleret, E. G. L. Koh, C. Prakash, W. Huang, W. W. L. Lee, C. Lin and R. T. P. Lin	Chikungunya Virus Neutralization Antigens and Direct Cell-to-Cell Transmission Are Revealed by Human Antibody-Escape Mutants	PLoS Pathogens	2013	10.1158/0008-5472.CAN-13-2397	µ-Slide Chemotaxis 3D	http://cancerres.aacrjournals.org/content/early/2013/12/05/0008-5472.CAN-13-2397.short

794	M. J. Lee, J. Kim, K. I. Lee, J. M. Shin, J. I. Chae and H. M. Chung	Enhancement of wound healing by secretory factors of endothelial precursor cells derived from human embryonic stem cells	Cytotherapy	2013	10.1002/btpr.1861	µ-Slide I	http://onlinelibrary.wiley.com/doi/10.1002/btpr.1861/abstract
795	W. C. Lee, D. Kan, Y. Y. Chen, S. K. Han, K. S. Lu and C. L. Chien	Suppression of Extensive Neurofilament Phosphorylation Rescues Î±-Internexin/Peripherin-Overexpressing PC12 Cells from Neuronal Cell Death	PLoS ONE	2013	10.1007/s10456-013-9408-z	µ-Slide I	http://link.springer.com/article/10.1007/s10456-013-9408-z#
796	N. Asp, S. Pust and K. Sandvig	Flotillin depletion affects ErbB protein levels in different human breast cancer cells	Biochimica et Biophysica Acta (BBA)-Molecular Cell Research	2013	10.1161/CIRCULATIONAHA.113.004149	µ-Slide I Luer	http://circ.ahajournals.org/content/early/2013/09/24/CIRCULATIONAHA.113.004149.short
797	N. E. Ashpole, D. R. Overby, C. R. Ethier and W. D. Stamer	Shear Stress-Triggered Nitric Oxide Release From Schlemm's Canal CellsShear Stress-Triggered Nitric Oxide Release	Investigative Ophthalmology & Visual Science	2013	10.1161/atvbaha.113.301221	µ-Slide I Luer	http://atvb.ahajournals.org/content/early/2013/08/14/ATVBAHA.113.301221.abstract
798	M. Aziz, J. Cabral, H. Brooks, M. McConnell, C. Fitzpatrick, L. Hanton and S. Moratti	In vitro biocompatibility and cellular interactions of a chitosan/dextran-based hydrogel for postsurgical adhesion prevention	Journal of Biomedical Materials Research Part B: Applied Biomaterials	2013	10.1111/jth.12401	µ-Slide I Luer 0.8	http://onlinelibrary.wiley.com/doi/10.1111/jth.12401/abstract
799	B. Genz, M. Thomas, B. Pützer, M. Siatkowski, G. Fuellen, B. Vollmar and K. Abshagen	Adenoviral overexpression of Lhx2 attenuates cell viability but does not preserve the stem cell like phenotype of hepatic stellate cells	Experimental Cell Research	2013	10.1038/nmeth.2647	µ-Slide VI 0.4	http://www.nature.com/nmeth/journal/vaop/ncurrent/full/nmeth.2647.html
800	A. Mahapatra, S. Manna, K. Maiti, S. Mondal, R. Maji and D. Mandal	An azodye-rhodamine-based fluorescent and colorimetric probe specific for the detection of Pd2+ in aqueous ethanolic solution: synthesis, XRD characterization, computational studies and imaging in live cells	Analyst	2013	10.1016/j.bbagen.2013.06.022	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0304416513002821

801	C. Madritsch, J. Eckl-Dorna, K. Blatt, I. Ellinger, M. Kundi, V. Niederberger, P. Valent, R. Valenta and S. Flicker	Antibody conjugates bispecific for intercellular adhesion molecule 1 and allergen prevent migration of allergens through respiratory epithelial cell layers	Journal of Allergy and Clinical Immunology	2013	10.1111/cmi.12248	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1111/cmi.12248/abstract
802	C. Lv, H. Kong, G. Dong, L. Liu, K. Tong, H. Sun, B. Chen, C. Zhang and M. Zhou	Antitumor Efficacy of ?-Solanine against Pancreatic Cancer In Vitro and In Vivo	PLOS ONE	2013	10.1038/leu.2012.348	µ-Slide VI 0.4	http://www.nature.com/leu/journal/vaop/ncurrent/full/leu2012348a.html
803	J.-N. Louvet, Y. Heluin, G. Attik, D. Dumas, O. Potier and M.-N. Pons	Assessment of erythromycin toxicity on activated sludge via batch experiments and microscopic techniques (epifluorescence and CLSM)	Process Biochemistry	2013	10.1021/bc400411h	µ-Slide VI 0.4	http://pubs.acs.org/doi/abs/10.1021/bc400411h
804	E. Y. Lukianova-Hleb, M. B. G. Mutonga and D. O. Lapotko	Cell-Specific Multifunctional Processing of Heterogeneous Cell Systems in a Single Laser Pulse Treatment	ACS nano	2013	10.1002/hep.26016	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1002/hep.26016/abstract
805	E. Y. Lukianova-Hleb, D. S. Wagner, M. K. Brenner and D. O. Lapotko	Cell-specific transmembrane injection of molecular cargo with gold nanoparticle-generated transient plasmonic nanobubbles	Biomaterials	2013	10.1002/stem.1511	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1002/stem.1511/abstract
806	P. Dandekar, R. Jain, M. Keil, B. Loretz, L. Muijs, M. Schneider, D. Auerbach, G. Jung, C. M. Lehr and G. Wenz	Cellular delivery of polynucleotides by cationic cyclodextrin polyrotaxanes	Journal of Controlled Release	2013	10.1371/journal.pone.0058246	µ-Slide VI 0.4	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0058246
807	N. Luu, H. McGettrick, C. Buckley, P. Newsome, G. Ed Rainger, J. Frampton and G. Nash	Crosstalk Between Mesenchymal Stem Cells and Endothelial Cells Leads to Down-Regulation of Cytokine-iNduced Leukocyte Recruitment	STEM CELLS	2013	10.1371/journal.pone.0080808.t003	µ-Slide VI 0.4	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0080808
808	B. S. Dragt, E. L. van Agtmaal, B. de Laat and J. Voorberg	Effect of laminar shear stress on the distribution of Weibel-Palade bodies in endothelial cells	Thrombosis Research	2013	10.1007/s00223-012-9670-x	µ-Slide VI 0.4	http://link.springer.com/article/10.1007/s00223-012-9670-x#
809	Y. Bae, M. Kim, G. Yu, B. Um, H. Park, H. Lee, K. Lee, Y. Suh and J. Choi	Enhanced splicing correction effect by an oligo-aspartic acid-PNA conjugate and cationic carrier complexes	Journal of Controlled Release	2013	10.1371/journal.pone.0057491	µ-Slide VI 0.4	http://dx.doi.org/10.1371%2Fjournal.pone.0057491
810	C. Gialeli, A. D. Theocharis, D. Kletsas, G. N. Tzanakakis and N. K. Karamanos	Expression of matrix macromolecules and functional properties of EGF-responsive colon cancer cells are inhibited by panitumumab	Investigational New Drugs	2013	10.1016/j.bpj.2012.12.007	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0006349512051181

811	Z. Liu, K. Shi, W. Sha, S. Pirsig, S.-C. Huang, M. Schwaiger and S. Ziegler	Factors influencing cellular [18F]FDG kinetics of tumor cell lines as assessed by a real-time radioassay system	J. NUCL. Med. MEETING ABSTRACTS	2013	10.1002/smll.201303101	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1002/smll.201303101/abstract;jsessionid=E986211B15629614029607CE38C0B571.f03t04?deniedAccessCustomisedMessage=&userIsAuthenticated=false
812	S. Debaisieux, S. Lachambre, A. Gross, C. Mettling, S. Besteiro, H. Yezid, D. Henaff, C. Chopard, J. Mesnard and B. Beaumelle	HIV-1 Tat inhibits phagocytosis by preventing the recruitment of Cdc42 to the phagocytic cup	Nat Commun	2013	10.1128/IAI.00421-13	µ-Slide VI 0.4	http://iai.asm.org/content/81/9/3375.short
813	P. A. Campbell, C. Perez-Iratxeta, M. A. Andrade-Navarro and M. A. Rudnicki	Oct4 targets regulatory nodes to modulate stem cell function	PLoS ONE	2013	10.1016/j.archoralbio.2013.12.008	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0003996913003737
814	M. Fulde, M. Rohde, A. Hitzmann, K. T. Preissner, D. P. Nitsche-Schmitz, A. Nerlich, G. S. Chhatwal and S. Bergmann	SCM, a novel M-like protein from Streptococcus canis binds (Mini)-plasminogen with high affinity and facilitates bacterial transmigration	Biochemical Journal Disease	2013	10.1002/emmm.201303503	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1002/emmm.201303503/full
815	K. Makowska, R. Hughes, K. White, C. Wells and M. Peckham	Specific Myosins Control Actin Organization, Cell Morphology, and Migration in Prostate Cancer Cells	Cell Reports	2013	http://dx.doi.org/10.1016/j.jconrel.2013.05.040	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0168365913003325
816	C. Lin, L. Li and W. Su	Study of subcellular dynamics on cell-substrate interactions by live cell imaging	Journal of Biomedical Materials Research Part A	2013	10.1021/cb300625g	µ-Slide VI 0.4	http://pubs.acs.org/doi/abs/10.1021/cb300625g?journalCode=acbcct
817	D. Chappell, M. Jacob, O. Paul, M. Rehm, U. Welsch, M. Stoeckelhuber, P. Conzen and B. F. Becker	The Glycocalyx of the Human Umbilical Vein Endothelial Cell. An Impressive Structure Ex Vivo but Not in Culture	Circ. Res.	2013	10.1371/journal.ppat.1003107	µ-Slide VI 0.4	http://www.plospathogens.org/article/fetchObject.action?uri=info%3Adoi%2F10.1371%2Fjournal.ppat.1003107&representation=PDF
818	F. T. Ludwig, A. Schwab and C. Stock	The Na+/H+-Exchanger (NHE1) generates pH nanodomains at focal adhesions	Journal of Cellular Physiology	2013	http://dx.doi.org/10.1016/j.thromres.2013.09.017	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0049384813004179
819	Y. C. J. Lin and D. H. Evans	Vaccinia Virus Particles Mix Inefficiently, and in a Way That Would Restrict Viral Recombination, in Coinfected Cells	Journal of Virology	2013	http://dx.doi.org/10.1016/j.exer.2013.12.002	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0014483513003461
820	Y.-P. Lin, Y.-J. Cheng, J.-Y. Huang, H.-C. Lin and B.-C. Yang	Zap70 controls the interaction of talin with integrin to regulate the chemotactic directionality of T-cell migration	Molecular Immunology	2013	http://dx.doi.org/10.1016/j.ymeth.2013.02.014	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S1046202313000509

821	D. Flanagan, T. Phesse, N. Barker, R. Schwab, N. Amin, J. Malaterre, D. Stange, C. Nowell, S. Currie and J. Saw	Frizzled7 Functions as a Wnt Receptor in Intestinal Epithelial Lgr5+ Stem Cells	Stem cell reports	2013	10.1128/JB.00353-13	µ-Slide VI flat	http://jb.asm.org/content/195/21/4888.short
822	A. Marg, H. Haase, T. Neumann, M. Kouno and I. Morano	AHNAK1 and AHNAK2 are costameric proteins: AHNAK1 affects transverse skeletal muscle fiber stiffness	Biochemical and Biophysical Research Communications	2013	10.1186/1472-6882-13-157	12 Well Chamber removable	http://www.biomedcentral.com/1472-6882/13/157
823	E. Anitua, M. Troya, M. Zalduendo and G. Orive	Effects of anti-aggregant, anti-inflammatory and anti-coagulant drug consumption on the preparation and therapeutic potential of plasma rich in growth factors (PRGF)	Growth Factors	2013	10.1167/iovs.13-12447	12 Well Chamber removable	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3790389/pdf/i1552-5783-54-10-6502.pdf
824	H. Mannell, A. Hammitzsch, R. Mettler, U. Pohl and F. Krötz	Suppression of DNA-PKcs enhances FGF-2 dependent human endothelial cell proliferation via negative regulation of Akt	Cellular Signalling	2013	10.1517/17425247.2013.8276 59	12 Well Chamber removable	http://informahealthcare.com/doi/abs/10.1517/17425247.2013.827659
825	M. C. Marchetto, G. W. Yeo, O. Kainohana, M. Marsala, F. H. Gage and A. R. Muotri	Transcriptional signature and memory retention of human-induced pluripotent stem cells	PLoS ONE	2013	10.1371/journal.pntd.0002578	12 Well Chamber removable	http://www.plosntds.org/article/info%3Adoi%2F10.1371%2Fjournal.pntd.0002578
826	T. Bald, T. Quast, J. Landsberg, M. Rogava, N. Glodde, D. Lopez-Ramos, J. Kohlmeyer, S. Riesenberg, D. van den Boorn-Konijnenberg and C. Hömig-Hölzel	Ultraviolet-radiation-induced inflammation promotes angiotropism and metastasis in melanoma	Nature	2013	10.1002/iub.1188.	12 Well Chamber removable	http://onlinelibrary.wiley.com/doi/10.1002/iub.1188/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
827	L. Martinelli, D. Lalli, L. Garcia-Morales, M. Ratera, E. Querol, J. Pinol, I. Fita and B. Calisto	A Major Determinant for Gliding Motility in Mycoplasma genitalium: the Interaction between the Terminal Organelle proteins MG200 and MG491	Journal of Biological Chemistry	2013	http://dx.doi.org/10.1016/j.exer.2013.12.005	culture-Insert	http://www.sciencedirect.com/science/article/pii/S0014483513003497
828	E. Bausch, H. Kohlhof, S. Hamm, R. Krauss, R. Baumgartner and L. Sironi	A Novel Microtubule Inhibitor 4SC-207 with Anti-Proliferative Activity in Taxane-Resistant Cells	PLOS ONE	2013	10.1186/bcr3373	Culture-Insert	http://breast-cancer-research.com/content/pdf/bcr3373.pdf?elq=4340331beca7457da185c039c9206f74

829	A. Bernhardt, D. Kuester, A. Roessner, T. Reinheckel and S. Krueger	Cathepsin X-deficient Gastric Epithelial Cells in Co-culture with Macrophages: Characterization of Cytokine Response and Migration Capability after Helicobacter Pylori Infection	J. Biol. Chem.	2013	10.1371/journal.pone.0054362	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0054362
830	A. E. El-Shazly, M. Henket, P. P. Lefebvre and R. Louis	Defective eosinophil chemotaxis to eotaxin in a patient with chronic lower baseline cD4+ T-lymphocytes and elevated cD8+ T cells	International Journal of General Medicine	2013	10.1016/j.bbadis.2013.09.012	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0925443913002913
831	C. Mohan, G. Sethi and K. Rangappa	Development of a Novel Azaspirane That Targets the JAK-STAT Pathway in Hepatocellular Carcinoma In Vitro and In Vivo	Journal of Biological Chemistry	2013	10.1042/BJ20131152	culture-Insert	http://www.biochemj.org/bj/imps/abs/BJ20131152.htm
832	J. C. Moore, J. Fu, Y. C. Chan, D. Lin, H. Tran, H. F. Tse and R. A. Li	Distinct cardiogenic preferences of two human embryonic stem cell (hESC) lines are imprinted in their proteomes in the pluripotent state	Biochem Biophys Res Commun	2013	10.1155/2013/892065	Culture-Insert	http://www.hindawi.com/journals/sci/2013/892065/abs/
833	K. Milferstedt, G. Santa-Catalina, J. Godon, R. Escudié and N. Bernet	Disturbance Frequency Determines Morphology and Community Development in Multi-Species Biofilm at the Landscape Scale	PLOS ONE	2013	10.3892/ijo.2013.1849	Culture-Insert	http://www.spandidos-publications.com/ijo/42/5/1560
834	Y. Morioka, C. Casari, N. Wohner, S. Cho, S. Kurata, A. Kitano, O. Christophe, P. Lenting, R. Li and C. Denis	Expression of a structurally constrained von Willebrand factor variant triggers acute thrombotic thrombocytopenic purpura in mice	Blood	2013	10.1158/1078-0432.CCR-12-0299	Culture-Insert	https://clincancerres.aacrjournals.org/content/19/19/5402.abstract
835	S. Matayoshi, S. Chiba, Y. Lin, K. Arakaki, H. Matsumoto, T. Nakanishi, M. Suzuki and S. Kato	Lysophosphatidic acid receptor 4 signaling potentially modulates malignant behavior in human head and neck squamous cell carcinoma cells	International journal of oncology	2013	10.1016/j.nbd.2012.12.019,	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0969996113000107
836	H. L. Morris, C. I. Reed, J. W. Haycock and G. C. Reilly	Mechanisms of Fluid-Flow-Induced Matrix Production in Bone Tissue Engineering	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine	2013	http://dx.doi.org/10.1016/j.ccr.2012.12.020	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S1535610813000032

837	L. Montanini, L. Lasagna, V. Barili, S. P. Jonstrup, A. Murgia, L. Pazzaglia, A. Conti, C. Novello, J. Kjems and R. Perris	MicroRNA cloning and sequencing in osteosarcoma cell lines: differential role of miR-93	Cellular Oncology	2013	10.1155/2013/421051	Culture-Insert	http://www.hindawi.com/journals/ecam/2013/421051/abs/
838	T. Dolinsek, B. Markelc, G. Sersa, A. Coer, M. Stimac, J. Lavrencak, A. Brozic, S. Kranjc and M. Cemazar	Multiple Delivery of siRNA against Endoglin into Murine Mammary Adenocarcinoma Prevents Angiogenesis and Delays Tumor Growth	PloS one	2013		Culture-Insert	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3708508/
839	N. Moroz, L. Guillaud, B. Desai and A. Kostyukova	Mutations changing tropomodulin affinity for tropomyosin alter neurite formation and extension	PeerJ	2013	10.1111/clr.12293	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1111/clr.12293/abstract;jsessionid=C32D8BA81DD36C0CE28E01406975F969.f04t02?deniedAccessCustomisedMessage=&userIsAuthenticated=false
840	M. Dierendonck, K. Fierens, R. De Rycke, L. Lybaert, S. Maji, Z. Zhang, Q. Zhang, R. Hoogenboom, B. Lambrecht and J. Grooten	Nanoporous Hydrogen Bonded Polymeric Microparticles: Facile and Economic Production of Cross Presentation Promoting Vaccine Carriers	Advanced Functional Materials	2013	10.1242/jcs.118992	Culture-Insert	http://jcs.biologists.org/content/126/8/1832.short
841	P. García-Herrera, P. Morales, V. Fernández-Ruiz, M. Sánchez-Mata, M. Cámara, A. Carvalho, I. Ferreira, M. Pardo-de-Santayana, M. Molina and J. Tardio	Nutrients, phytochemicals and antioxidant activity in wild populations of Allium ampeloprasum L., a valuable underutilized vegetable	Food Research International	2013	10.1016/j.devcel.2013.05.015	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S153458071300289X
842	S. Bernard, N. Simpson, O. Join-Lambert, C. Federici, M. Laran-Chich, N. Maïssa, H. Bouzinba-Ségard, P. Morand, F. Chretien and S. Taouji	Pathogenic Neisseria meningitidis utilizes CD147 for vascular colonization	Nature medicine	2013	10.1158/1535-7163.MCT-13-0279	Culture-Insert	http://mct.aacrjournals.org/content/12/10/1935.short
843	O. Mortusewicz, B. Evers and T. Helleday	PC4 promotes genome stability and DNA repair through binding of ssDNA at DNA damage sites	Oncogene	2013	http://dx.doi.org/10.1016/j.phymed.2013.03.024	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0944711313001335
844	V. Millarte, G. Boncompain, K. Tillmann, F. Perez, E. Sztul and H. Farhan	Phospholipase C gamma 1 regulates early secretory trafficking and cell migration via interaction with p115	Molecular Biology of the Cell	2013	10.1016/j.ijpharm.2013.12.020	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0378517313010880
845	M. Maycas, J. Ardura, L. de Castro, B. Bravo, A. Gortázar and P. Esbrit	Role of the parathyroid hormone type 1 receptor (PTH1R) as a mechanosensor in osteocyte survival	Journal of Bone and Mineral Research	2013	10.3109/03008207.2013.862528	Culture-Insert	http://informahealthcare.com/doi/abs/10.3109/03008207.2013.862528

846	C. Moreau, T. Kirchberger, J. Swarbrick, S. Bartlett, R. Fliegert, T. Yorgan, A. Bauche, A. Harneit, A. Guse and B. Potter	Structure-activity relationship of adenosine 5-diphosphoribose at the transient receptor potential melastatin 2 (TRPM2) channel: Rational design of antagonists	Journal of Medicinal Chemistry	2013	10.1186/1471-2407-13-128	Culture-Insert	http://www.biomedcentral.com/content/pdf/1471-2407-13-128.pdf
847	S. Mathea, S. Li, A. Schierhorn, G. Jahreis and C. Schiene-Fischer	Suppression of EGFR Autophosphorylation by FKBP12	Biochemistry	2013	http://dx.doi.org/10.1016/j.oraloncology.2013.03.430	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S136883751300506X
848	N. Casartelli, M. Sourisseau, J. Feldmann, F. Guivel-Benhassine, A. Mallet, A. G. Marcelin, J. Guatelli and O. Schwartz	Tetherin restricts productive HIV-1 cell-to-cell transmission	PLoS Pathogens	2013	10.3390/molecules18066584	Culture-Insert	http://www.mdpi.com/1420-3049/18/6/6584/pdf
849	A. Migliorini, M. Angelotti, S. Mulay, O. Kulkarni, J. Demleitner, A. Dietrich, C. Sagrinati, L. Ballerini, A. Peired and S. Shankland	The antiviral cytokines IFN-alpha and IFN-beta modulate parietal epithelial cells and promote podocyte loss: implications for IFN toxicity, viral glomerulonephritis, and glomerular regeneration	The American journal of pathology	2013	http://dx.doi.org/10.1016/j.yexcr.2013.12.007	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0014482713005247
850	S. Meyer dos Santos, K. Kuczka, B. Picard-Willems, K. Nelson, U. Klinkhardt and S. Harder	The integrin antagonist, cilengitide, is a weak inhibitor of alpha-IIb-beta-3 mediated platelet activation and inhibits platelet adhesion under flow	Platelets	2013	10.1186/bcr3574	Culture-Insert	http://breast-cancer-research.com/content/15/6/R107/abstract
851	J. A. Megerle, G. Fritz, U. Gerland, K. Jung and J. O. Radler	Timing and dynamics of single cell gene expression in the arabinose utilization system	Biophysical Journal	2013	10.1021/pr3010259	Culture-Insert	http://pubs.acs.org/doi/abs/10.1021/pr3010259?journalCode=jprobs
852	M. Best, A. Degen, M. Baalmann, T. Schmidt and R. Wombacher	Two-Step Protein Labeling by Using Lipoic Acid Ligase with Norbornene Substrates and Subsequent Inverse-Electron Demand Diels–Alder Reaction	ChemBioChem	2013	10.3390/cancers5041504	Culture-Insert	http://www.mdpi.com/2072-6694/5/4/1504/pdf
853	S. W. Feigelson, V. Grabovsky, E. Manevich-Mendelson, R. Pasvolsky, Z. Shulman, V. Shinder, E. Klein, A. Etzioni, M. Aker and R. Alon	Kindlin-3 is Required for the Stabilization of TCR-Stimulated LFA-1:ICAM-1 Bonds Critical for Lymphocyte Arrest and Spreading on Dendritic Cells	Blood	2013	10.1128/MCB.00609-13	Culture-Insert 24	http://mcb.asm.org/content/33/17/3426.short
854	R. Moscatiello, S. Sello, M. Novero, A. Negro, P. Bonfante and L. Navazio	The intracellular delivery of TAT-aequorin reveals calcium-mediated sensing of environmental and symbiotic signals by the arbuscular mycorrhizal fungus Gigaspora margarita	New Phytologist	2013	10.1073/pnas.1312509110	Culture-Insert 24	http://www.pnas.org/content/early/2013/12/03/1312509110.short

855	M. M. Nalaskowski, R. Fliegert, O. Ernst, M. A. Brehm, W. Fanick, S. Windhorst, H. Lin, S. Giehler, J. Hein, Y.-N. Lin and G. W. Mayr	Human Inositol 1,4,5-Trisphosphate 3-Kinase Isoform B (IP3KB) Is a Nucleocytoplasmic Shuttling Protein Specifically Enriched at Cortical Actin Filaments and at Invaginations of the Nuclear Envelope	Journal of Biological Chemistry	2013	10.1186/1559-4106-8-22	Sticky-Slide I Luer	http://link.springer.com/article/10.1186/1559-4106-8-22#
856	W. Chen, C. Chien, C. Wang, H. Wang, Y. Wang, S. Ding, T. Lee and T. Chang	Automated quantitative analysis of lipid accumulation and hydrolysis in living macrophages with label-free imaging	Analytical and bioanalytical chemistry	2012	10.1074/jbc.M112.345629	µ-Dish	http://www.jbc.org/content/287/34/28966.short
857	T. García-Sánchez, B. Sanchez, A. Gomez-Foix and R. Bragós	Electrical Impedance Measurements on Electropermeabilized Cells Attached to Microelectrodes	6th European Conference of the International Federation for Medical and Biological Engineering	2012	10.1210/jc.2012-2098	µ-Dish	http://jcem.endojournals.org/content/early/2012/09/24/jc.2012-2098.abstract
858	R. Gazak, K. Valentov, K. Fuksova, P. Marhol, M. Kuzma, M. A. Medina, I. Oborna, J. Ulrichov and V. Kren	Synthesis and Antiangiogenic Activity of New Silybin Galloyl Esters	Journal of Medicinal Chemistry	2012	10.3109/14653249.2012.697146	µ-Dish	http://informahealthcare.com/doi/abs/10.3109/14653249.2012.697146
859	S. Chow and N. Di Girolamo	Vitronectin: A Migration and Wound-Healing Factor for Human Corneal Epithelial Cells	Investigative Ophthalmology & Visual Science	2012		µ-Dish	http://www.formatex.info/microscopy5/book/478-485.pdf
860	I. Burghardt, F. Lüthen, C. Prinz, B. Kreikemeyer, C. Zietz, H. Neumann and J. Rychly	A dual function of copper in designing regenerative implants	Biomaterials	2012	10.1016/j.ejphar.2012.07.011	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0014299912005821
861	L. Bee, A. Nasca, A. Zanolini, F. Cendron, P. d'Adamo, R. Costa, C. Lamperti, L. Celotti, D. Ghezzi and M. Zeviani	A nonsense mutation of human XRCC4 is associated with adult onset progressive encephalocardiomyopathy		2012		µ-Dish 35 mm	http://jvi.asm.org/content/86/21/11779.short

862	M. Bustos, L. Huleihel, M. Kapetanaki, C. Lino-Cardenas, L. Mroz, B. Ellis, B. McVerry, T. Richards, N. Kaminski and N. Cardenes	Aging Mesenchymal Stem Cells Fail to Protect due to Impaired Migration and Anti-Inflammatory Response	American journal of respiratory and critical care medicine	2012	10.1371/journal.pone.0035340	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0035340
863	A. Göhrig, K. Detjen, G. Hilfenhaus, J. Körner, M. Welzel, R. Arsenic, R. Schmuck, M. Bahra, J. Wu and B. Wiedenmann	Axon guidance factor SLIT2 inhibits neural invasion and metastasis in pancreatic cancer	Cancer research	2012	10.1021/ac3000144	µ-Dish 35 mm	http://dx.doi.org/10.1021/ac3000144
864	Y. Chen	Caffeic Acid Phenethyl Ester Inhibits Epithelial-Mesenchymal Transition of Human Pancreatic Cancer Cells	Evidence-Based Complementary and Alternative Medicine	2012	10.1074/jbc.M112.376566	µ-Dish 35 mm	http://www.jbc.org/content/287/39/32747.short
865	F. Gebauer, D. Wicklein, J. Horst, P. Sundermann, H. Maar, T. Streichert, M. Tachezy, J. Izbicki, M. Bockhorn and U. Schumacher	Carcinoembryonic Antigen-Related Cell Adhesion Molecules (CEACAM) 1, 5 and 6 as Biomarkers in Pancreatic Cancer	PloS one	2012	10.1111/j.1460-9568.2012.08226.x	µ-Dish 35 mm	http://dx.doi.org/10.1111/j.1460-9568.2012.08226.x
866	S. Greulich, W. Chen, B. Maxhera, L. Rijzewijk, R. van der Meer, J. Jonker, H. Mueller, D. de Wiza, R. Floerke and K. Smiris	Cardioprotective Properties of Omentin-1 in Type 2 Diabetes: Evidence from Clinical and In Vitro Studies	PLoS ONE	2012	10.1016/j.mrfmmm.2012.08.004	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0027510712001777
867	B. M. Dale, G. P. McNerney, D. L. Thompson, W. Hubner, K. de los Reyes, F. Chuang, T. Huser and B. K. Chen	Cell-to-Cell Transfer of HIV-1 via Virological Synapses Leads to Endosomal Virion Maturation that Activates Viral Membrane Fusion	Cell Host & Microbe	2012	10.1371/journal.ppat.1002517	µ-Dish 35 mm	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1002517
868	K. Andersen, M. Aronoff, N. McGrath and R. Raines	Diazo Groups Endure Metabolism and Enable Chemoselectivity in Cellulo	Journal of the American Chemical Society	2012	10.1158/0008-5472.CAN-11-4199	µ-Dish 35 mm	http://cancerres.aacrjournals.org/content/72/14/3463.short
869	C. Girardi, D. Ottaviani, L. Pinna and M. Ruzzene	Different Persistence of the Cellular Effects Promoted by Protein Kinase CK2 Inhibitors CX-4945 and TDB	BioMed Research International	2012	10.1002/stem.1200	µ-Dish 35 mm	http://dx.doi.org/10.1002/stem.1200

870	P. Dong, M. Maddali, J. Srimani, F. Thélot, J. Nevins, B. Mathey-Prevot and L. You	Division of labour between Myc and G1 cyclins in cell cycle commitment and pace control	Nat Commun	2012	10.1371/journal.pone.0039774	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0039774
871	X. Chen, J. Chen, S. Gan, H. Guan, Y. Zhou, Q. Ouyang and J. Shi	DNA damage strength modulates a bimodal switch of p53 dynamics for cell fate control	BMC biology	2012	10.1128/JVI.06704-11	µ-Dish 35 mm	http://jvi.asm.org/cgi/content/abstract/86/5/2610
872	C. Bottier, C. Gabella, B. Vianay, L. Buscemi, I. F. Sbalzarini, J.-J. Meister and A. B. Verkhovsky	Dynamic measurement of the height and volume of migrating cells by a novel fluorescence microscopy technique	Lab on a Chip	2012	10.1002/mabi.201100337	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/mabi.201100337/full
873	F. B. Barlas, D. Ag Seleci, M. Ozkan, B. Demir, M. Seleci, M. Aydin, M. A. Tasdelen, H. M. Zareie, S. Timur, S. Ozcelik and Y. Yagci	Folic acid modified clay/polymer nanocomposites for selective cell adhesion	Journal of Materials Chemistry B	2012	10.1016/j.ijpharm.2011.12.026	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0378517311011525
874	A. Haase, R. Olmer, K. Schwanke, S. Wunderlich, S. Merkert, C. Hess, R. Zweigerdt, I. Gruh, J. Meyer and S. Wagner	Generation of induced pluripotent stem cells from human cord blood	Cell Stem Cell	2012	10.1007/s00253-011-3549-z	µ-Dish 35 mm	http://www.springerlink.com/content/51l4870l812238g1/
875	M. H. Chin, M. J. Mason, W. Xie, S. Volinia, M. Singer, C. Peterson, G. Ambartsumyan, O. Aimiuwu, L. Richter and J. Zhang	Induced pluripotent stem cells and embryonic stem cells are distinguished by gene expression signatures	Cell Stem Cell	2012	10.1002/stem.1108	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/stem.1108/abstract
876	J. Grohm, S. W. Kim, U. Mamrak, S. Tobaben, A. Cassidy-Stone, J. Nunnari, N. Plesnila and C. Culmsee	Inhibition of Drp1 provides neuroprotection in vitro and in vivo	Cell Death & Differentiation	2012	10.1007/s00418-012-1009-1	µ-Dish 35 mm	http://dx.doi.org/10.1007/s00418-012-1009-1
877	N. Halidi, F. Alonso, J. M. Burt, J. L. Beny, J. A. Haefliger and J. J. Meister	Intercellular calcium waves in primary cultured rat mesenteric smooth muscle cells are mediated by Connexin43	Cell Communication and Adhesion	2012	doi:10.3791/3661	µ-Dish 35 mm	http://www.jove.com/video/3661/mame-models-for-4d-live-cell-imaging-tumor-microenvironment
878	C. Hagen and K. Grünewald	Microcarriers for high-pressure freezing and cryosectioning of adherent cells	Journal of Microscopy	2012	10.1155/2012/642482	µ-Dish 35 mm	http://www.hindawi.com/journals/ijcb/2012/642482/abs/
879	Y. W. Chan, L. L. Fava, A. Uldschmid, M. H. A. Schmitz, D. W. Gerlich, E. A. Nigg and A. Santamaria	Mitotic control of kinetochore-associated dynein and spindle orientation by human Spindly	J. Cell Biol.	2012	10.1128/JVI.05915-11	µ-Dish 35 mm	http://jvi.asm.org/cgi/content/abstract/86/5/2826

880	B. L. Arduini and A. H. Brivanlou	Modulation of FOXD3 Activity in Human Embryonic Stem Cells Directs Pluripotency and Paraxial Mesoderm Fates	Stem Cells	2012		µ-Dish 35 mm	http://www.opticsinfobase.org/boe/abstract.cfm?uri=boe-3-10-2526
881	M. Balsamo, I. Barravecchia, S. Mariotti, A. Merenda, C. De Cesari, M. Vukich and D. Angeloni	Molecular and Cellular Characterization of Space Flight Effects on Microvascular Endothelial Cell Function – PreparatoryWork for the SFEF Project	Microgravity Science and Technology	2012	10.1016/j.carbpol.2012.05.061	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0144861712005206
882	I. Germanguz, O. Sedan, N. Zeevi-Levin, R. Shtreichman, E. Barak, A. Ziskind, S. Eliyahu, G. Meiry, M. Amit and J. Itskovitz-Eldor	Molecular characterization and functional properties of cardiomyocytes derived from human inducible pluripotent stem cells	J Cell Mol Med	2012	10.1152/jn.00878.2011	µ-Dish 35 mm	http://jn.physiology.org/cgi/content/abstract/107/3/868
883	M. Fichter, M. Dedters, A. Pietrzak-Nguyen, L. Pretsch, C. Meyer, S. Strand, F. Zepp, G. Baier, K. Landfester and S. Gehring	Monophosphoryl lipid A coating of hydroxyethyl starch nanocapsules drastically increases uptake and maturation by dendritic cells while minimizing the adjuvant dosage	Vaccine	2012	10.1021/ja3009693	µ-Dish 35 mm	http://dx.doi.org/10.1021/ja3009693
884	V. Haikala, M. Joesch, A. Borst and A. Mauss	Optogenetic Control of Fly Optomotor Responses	The Journal of Neuroscience	2012	10.1083/jcb.201109104	µ-Dish 35 mm	http://jcb.rupress.org/cgi/content/abstract/196/4/435
885	B. Coleman, C. Harrison, B. Guo, C. Masters, K. Barnham, V. Lawson and A. Hill	Pathogenic mutations within the hydrophobic domain of the prion protein lead to the formation of protease sensitive prion species with increased lethality	Journal of virology	2012	10.1074/jbc.M112.370130	µ-Dish 35 mm	http://www.jbc.org/content/287/30/25395.short
886	L. Gambardella, K. E. Anderson, Z. Jakus, M. Kovacs, S. Voigt, P. T. Hawkins, L. Stephens, A. Mocsai and S. Vermeren	Phosphoinositide 3-OH Kinase Regulates Integrin-Dependent Processes in Neutrophils by Signaling through Its Effector ARAP3	The Journal of Immunology	2012	10.1371/journal.pone.0053031	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0053031
887	A. Greenshields, C. Doucette, K. Sutton, L. Madera, H. Annan, P. Yaffe, A. Knickle, Z. Dong and D. Hoskin	Piperine inhibits the growth and motility of triple-negative breast cancer cells	Cancer Letters	2012	10.1093/cercor/bhr383	µ-Dish 35 mm	http://cercor.oxfordjournals.org/cgi/content/abstract/bhr383v1
888	D. Bettenworth, P. Lenz, P. Krausewitz, M. Brückner, S. Ketelhut, G. von Bally, D. Domagk and B. Kemper	Quantification of inflammation in colonic tissue sections and wound healing in-vitro with digital holographic microscopy	European Conferences on Biomedical Optics	2012	10.1371/journal.pone.0043883	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0043883

889	M. González-Guerrero, J. Bojorquez, D. Sánchez, P. Godignon, F. Muñoz, J. Del Campo, F. Giroud, S. Minteer and N. Sabaté	Rapid Prototyping of a Membraneless Glucose/O2 Microfluidic Enzymatic Biofuel Cells using Pyrolyzed Photoresist Film Electrodes	Lab Chip	2012	10.1016/j.yexcr.2012.03.023,	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0014482712001590
890	K. Hamamura, G. Swarnkar, N. Tanjung, E. Cho, J. Li, S. Na and H. Yokota	RhoA-mediated signaling in mechanotransduction of osteoblasts	Connective Tissue Research	2012	10.1074/jbc.M112.392811	µ-Dish 35 mm	http://www.jbc.org/content/287/43/36312.abstract
891	D. Bernard, M. Gebbia, S. Prabha, M. Gronda, N. MacLean, X. Wang, R. Hurren, M. Sukhai and E. Cho	Select microtubule inhibitors increase lysosome acidity and promote lysosomal disruption in acute myeloid leukemia (AML) cells	Apoptosis	2012	10.3389/fnins.2012.00133	µ-Dish 35 mm	http://www.frontiersin.org/Journal/Abstract.aspx?s=89&name=autonomic_neuroscience&ART_DOI=10.3389/fnins.2012.00133
892	T. Haas, F. Schmitz, A. Heit and H. Wagner	Sequence independent interferon-alpha - induction by multimerized phosphodiester DNA depends on spatial regulation of Toll-like receptor-9 activation in plasmacytoid dendritic cells	Immunology	2012	10.1021/nn204543c	µ-Dish 35 mm	http://dx.doi.org/10.1021/nn204543c
893	I. Cho, M. Lee, D. Kim, B. Kim, J. Bae, K. Choi, S. Kim, Y. Huh, K. Lee and C. Kim	SPIN90 dephosphorylation is required for cofilin-mediated actin depolymerization in NMDA-stimulated hippocampal neurons	Cellular and Molecular Life Sciences	2012	10.1007/s00535-012-0719-4	µ-Dish 35 mm	http://link.springer.com/article/10.1007/s00535-012-0719-4#
894	A. Grotzky, E. Altamura, J. Adamcik, P. Carrara, P. Stano, F. Mavelli, T. Nauser, R. Mezzenga, A. Schlüter and P. Walde	Structure and Enzymatic Properties of Molecular Dendronized Polymer–Enzyme Conjugates and Their Entrapment inside Giant Vesicles	Langmuir	2012	10.1194/jlr.D029207	µ-Dish 35 mm	http://www.jlr.org/content/54/1/265.abstract
895	A. Hampson, A. O'Connor and A. Smolenski	Synaptotagmin-like protein 4 and Rab8 interact and increase dense granule release in platelets	Journal of Thrombosis and Haemostasis	2012	10.1111/j.1476-5381.2012.01994.x	µ-Dish 35 mm	http://dx.doi.org/10.1111/j.1476-5381.2012.01994.x
896	J. Choi, E. Yang, K. Cha, J. Whang and W. Choi	The Nuclear Matrix Protein, NRP/B, Acts as a Transcriptional Repressor of E2F-mediated Transcriptional Activity	jcp	2012	10.1016/j.biomaterials.2012.11.015	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0142961212012598
897	R. Fletcher, C. Gribben, X. Ma, J. Burchfield, K. Thomas, J. Krycer, D. James and D. Fazakerley	The Role of the Niemann-Pick Disease, Type C1 Protein in Adipocyte Insulin Action	PLOS ONE	2012	10.1074/jbc.M111.320010	µ-Dish 35 mm	http://www.jbc.org/content/287/16/13137.short

898	J. Grassinger, D. N. Haylock, M. J. Storan, G. O. Haines, B. Williams, G. A. Whitty, A. R. Vinson, C. L. Be, S. Li, E. S. Sorensen, P. P. L. Tam, D. T. Denhardt, D. Sheppard, P. F. Choong and S. K. Nilsson	Thrombin cleaved osteopontin regulates hemopoietic stem and progenitor cell functions through interactions with {alpha}9{beta}1 and {alpha}4{beta}1 integrins	Blood	2012	10.1016/B978-0-12-391856-7.00029-9	µ-Dish 35 mm	http://books.google.de/books?hl=en&lr=&id=qdatXPJRS2YC&oi=fnd&pg=PA81&dq=ibidi&ots=olL32mOU9y&sig=NXflGYgxCFEMTMnob71MqCEEVWk&redir_esc=y#v=onepage&q=ibidi&f=false
899	G. Ende, D. Poitz, E. Wiedemann, A. Augstein, J. Friedrichs, S. Giebe, S. Weinert, C. Werner, R. Strasser and S. Jellinghaus	TNF-alpha-mediated adhesion of monocytes to endothelial cells—The role of ephrinA1	Journal of Molecular and Cellular Cardiology	2012	10.1002/cyto.a.22213	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/cyto.a.22213/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
900	S. Germann, V. Schramke, R. Pedersen, I. Gallina, N. Eckert-Boulet, V. Oestergaard and M. Lisby	TopBP1/Dpb11 binds DNA anaphase bridges to prevent genome instability	The Journal of Cell Biology	2012	doi:10.1038/nchem.1250	µ-Dish 35 mm	http://www.nature.com/nchem/journal/vaop/ncurrent/full/nchem.1250.html
901	C. Guggenberger, C. Wolz, J. A. Morrissey and J. Heesemann	Two Distinct Coagulase-Dependent Barriers Protect Staphylococcus aureus from Neutrophils in a Three Dimensional in vitro Infection Model	PLoS Pathogens	2012	org/10.1016/j.vetpar.2012.08.027	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0304401712004402
902	U. Chandrachud, M. Walker, A. Simas, S. Heetveld, A. Petcherski, M. Klein, H. Oh, P. Wolf, W. Zhao, S. Norton, S. Haggarty, E. Lloyd-Evans and S. Cotman	Unbiased Cell-Based Screening in a Neuronal Cell Model of Batten Disease Highlights an Interaction Between Ca2+ Homeostasis, Autophagy, and CLN3 Function	Journal of Biological Chemistry	2012		µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S1097276512003516
903	P. M. Fliss, T. P. Jowers, M. M. Brinkmann, B. Holstermann, C. Mack, P. Dickinson, H. Hohenberg, P. Ghazal and W. Brune	Viral Mediated Redirection of NEMO/IKK-gamma to Autophagosomes Curtails the Inflammatory Cascade	PLoS Pathogens	2012	10.1002/pola.26017	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/pola.26017/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
904	A. R. Barr, J. V. Kilmartin and F. Gergely	CDK5RAP2 functions in centrosome to spindle pole attachment and DNA damage response	J. Cell Biol.	2012	10.1371/journal.pone.0050804	µ-Dish 35 mm glass bottom	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0050804
905	S. H. Apte, P. L. Groves, J. S. Roddick, V. P. da Hora and D. L. Doolan	High-throughput multi-parameter flow-cytometric analysis from micro-quantities of Plasmodium-infected blood	International Journal for Parasitology	2012	10.1002/marc.201100747	µ-Dish 35 mm glass bottom	http://onlinelibrary.wiley.com/doi/10.1002/marc.201100747/full

906	D. Bilan, L. Pase, L. Joosen, A. Gorokhovatsky, Y. Ermakova, T. Gadella, C. Grabher, C. Schultz, S. Lukyanov and V.-. Belousov	HyPer-3: A Genetically Encoded H2O2 Probe with Improved Performance for Ratiometric and Fluorescence Lifetime Imaging	ACS chemical biology	2012	10.1128/JVI.06997-11	µ-Dish 35 mm glass bottom	http://jvi.asm.org/content/86/10/5905.short
907	A. Capozzi, O. Vincentini, P. Gizzi, A. Porzia, A. Longo, C. Felli, V. Mattei, F. Mainiero, M. Silano and M. Sorice	Modulatory Effect of Gliadin Peptide 10-mer on Epithelial Intestinal CACO-2 Cell Inflammatory Response	PLoS ONE	2012	10.1016/j.talanta.2012.03.061	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0039914012002895
908	Y. C. Chan, S. Roy, Y. Huang, S. Khanna and C. K. Sen	The MicroRNA miR-199a-5p Down-regulation Switches on Wound Angiogenesis by Derepressing the v-ets Erythroblastosis Virus E26 Oncogene Homolog 1-Matrix Metalloproteinase-1 Pathway	Journal of Biological Chemistry	2012	10.1016/j.nbd.2011.12.052,	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/pii/S0969996112000071
909	J. Heymann, A. Rejman Lipinski, B. Bauer, T. Meyer and D. Heuer	Chlamydia trachomatis infection prevents front–rear polarity of migrating HeLa cells	Cellular microbiology	2012	10.1074/jbc.M112.423905	µ-Dish 35 mm high	http://www.jbc.org/content/287/52/43359.short
910	C. Chang, Y. Yang, Y. Li, S. Chen, B. Lin, T. Wu, S. Lin, M. Kuo and C. Tan	MicroRNA-17/20a functions to inhibit cell migration and can be used a prognostic marker in oral squamous cell carcinoma	Oral oncology	2012	10.1039/C2SM25528F	µ-Dish 35 mm high	http://pubs.rsc.org/en/content/articlelanding/2012/sm/c2sm25528f
911	C. H. Choi, P. A. Thomason, M. Zaki, R. H. Insall and D. L. Barber	Phosphorylation of actin-related protein 2 (Arp2) is required for normal development and cAMP chemotaxis in Dictyostelium	Journal of Biological Chemistry	2012	10.1152/ajpgi.00236.2012	µ-Dish 35 mm high	http://ajpgi.physiology.org/content/early/2012/08/23/ajpgi.00236.2012.abstract
912	L. P. Frenzel, Z. Abdullah, A. K. Kriegeskorte, R. Dieterich, N. Lange, D. H. Busch, M. Kronke, O. Utermohlen, J. Hescheler and T. Saric	Role of NKG2D-ligands and ICAM-1 in NK cell-mediated Lysis of Murine Embryonic Stem Cells and Embryonic Stem Cell-derived Cardiomyocytes	Stem Cells	2012	10.1016/j.ejpb.2012.03.008	µ-Dish 35 mm high	http://www.sciencedirect.com/science/article/pii/S0939641112000835
913	R. Cavaliere, J. Ball, L. Turnbull and C. Whitchurch	The biofilm matrix destabilizers, EDTA and DNaseI, enhance the susceptibility of nontypeable Hemophilus influenzae biofilms to treatment with ampicillin and ciprofloxacin	MicrobiologyOpen	2012	10.1016/j.cryobiol.2012.10.001	µ-Dish 35 mm high	http://www.sciencedirect.com/science/article/pii/S0011224012002295
914	Y. Chang, Y. Chiu, H. Cheng, F. Liu, W. Lai, H. Chang and P. Liao	Down-regulation of TIMP-1 inhibits cell migration, invasion, and metastatic colonization in lung adenocarcinoma	Tumor Biology	2012	org/10.1016/j.bbrc.2012.11.125	µ-Dish 35 mm high, Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0006291X12023844

915	K. R. Chaudhari, A. Kumar, V. K. M. Khandelwal, A. K. Mishra, J. Monkkonen and R. S. R. Murthy	Targeting Efficiency and Biodistribution of Zoledronate Conjugated Docetaxel Loaded Pegylated PBCA Nanoparticles for Bone Metastasis	Advanced Functional Materials	2012	10.1371/journal.ppat.1002953	µ-Dish 35 mm high, Culture-Insert	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1002953
916	S. Brandal, C. M. Blake, B. A. Sullenger and Y. M. Fortenberry	Effects of Plasminogen Activator Inhibitor-1-Specific RNA Aptamers on Cell Adhesion, Motility, and Tube Formation	nucleic acid therapeutics	2012	10.1021/bm301453g	µ-Dish 35 mm low	http://pubs.acs.org/doi/abs/10.1021/bm301453g
917	F. Brancatisano, G. Maisetta, M. Di Luca, S. Esin, D. Bottai, R. Bizzarri, M. Campa and G. Batoni	Inhibitory effect of the human liver-derived antimicrobial peptide hepcidin 20 on biofilms of polysaccharide intercellular adhesin (PIA)-positive and PIA-negative strains of Staphylococcus epidermidis	Biofouling	2012	10.1002/mabi.201200223	µ-Dish 35 mm low	http://onlinelibrary.wiley.com/doi/10.1002/mabi.201200223/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
918	F. Campbell-Valois, P. Schnupf, G. Nigro, M. Sachse, P. Sansonetti and C. Parsot	A Fluorescent Reporter Reveals On/Off Regulation of the Shigella Type III Secretion Apparatus during Entry and Cell-to-Cell Spread	Cell Host & Microbe	2012	org/10.1016/j.ajpath.2012.08.035	µ-Dish 35 mm low, µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0002944012006773
919	A. Höcherl, K. Landfester and V. Mailänder	Absolute Quantitation of Sub-Micrometer Particles in Cells by Flow Cytometry	Macromolecular Bioscience	2012	10.1371/journal.pone.0035399	µ-Dish 35 mm low, Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0035399
920	A. Conigliaro, L. Amicone, V. Costa, M. D. S. Puzzonia, C. Mancone, B. Sacchetti, C. Cicchini, F. Garibaldi, D. A. Brenner and T. Kisseleva	Evidence for a common progenitor of epithelial and mesenchymal components of the liver	Cell Death & Differentiation	2012	10.1089/acm.2011.0467	µ-Dish 35 mm, µ-Plate 96 well	http://online.liebertpub.com/doi/abs/10.1089/acm.2011.0467
921	A. W. Duncan, M. H. Taylor, R. D. Hickey, A. E. H. Newell, M. L. Lenzi, S. B. Olson, M. J. Finegold and M. Grompe	The ploidy conveyor of mature hepatocytes as a source of genetic variation	Nature	2012	10.1016/j.ejcb.2011.09.009	µ-Dish 35 mm, µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0171933511001920
922	S. Asano, T. Nemoto, T. Kitayama, K. Harada, J. Zhang, K. Harada, I. Tanida, M. Hirata and T. Kanematsu	Phospholipase C-related catalytically inactive protein (PRIP) controls KIF5B-mediated insulin secretion	Biology open	2012	10.1117/1.JBO.17.9.097001	µ-Dish 35 mm, µ-Slide VI 0.4	http://dx.doi.org/10.1117/1.JBO.17.9.097001
923	B. Hoffmann, R. Merkel and U. Rädler	Zellmikroskopie unter in-vivo-nahen Bedingungen	Biospektrum	2012	doi:10.3791/3350	µ-Dish 35 mm, µ-Slide VI 0.4	http://www.jove.com/video/3350/organotypic-slice-cultures-embryonic-ventral-midbrain-system-to-study

924	A. Ghaffari, V. Hoskin, A. Szeto, M. Hum, N. Liaghati, K. Nakatsu, Y. Madarnas, S. SenGupta and B. Elliott	A novel role for ezrin in breast cancer angio/lymphangiogenesis	Breast Cancer Research	2012	10.1074/jbc.M112.362996	µ-Dish 35 mm, Culture-Insert	http://www.jbc.org/content/287/27/22463.short
925	S. L. Appleby, M. P. Cockshell, J. B. Pippal, E. J. Thompson, J. M. Barrett, K. Tooley, S. Sen, W. Y. Sun, R. Grose and I. Nicholson	Characterization of a Distinct Population of Circulating Human Non-Adherent Endothelial Forming Cells and Their Recruitment via Intercellular Adhesion Molecule-3	PLoS ONE	2012	10.1158/1541-7786.MCR-11-0342	µ-Dish 35 mm, Culture-Insert	http://mcr.aacrjournals.org/content/10/4/504.short
926	A. Eiteneuer, J. Seiler, M. Weith, M. Beullens, B. Lesage, V. Krenn, A. Musacchio, M. Bollen and H. Meyer	Inhibitor-3 ensures bipolar mitotic spindle attachment by limiting association of SDS22 with kinetochore-bound protein phosphatase-1		2012	10.1007/s00429-012-0487-1	µ-Dish 35 mm, Culture-Insert	http://dx.doi.org/10.1007/s00429-012-0487-1
927	J. B. Andersen, V. M. Factor, J. U. Marquardt, C. Raggi, Y.-H. Lee, D. Seo, E. A. Conner and S. S. Thorgeirsson	An Integrated Genomic and Epigenomic Approach Predicts Therapeutic Response to Zebularine in Human Liver Cancer	Science Translational Medicine	2012	10.1371/journal.pone.0054042	µ-Dish 50 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0054042
928	E. Horn and R. Zantl	Phase-Contrast Light Microscopy of Living Cells Cultured in Small Volumes	Microscopy & Analysis	2012	10.1039/C2OB26808F	µ-Plate 24 well	http://pubs.rsc.org/en/content/articlelanding/2013/ob/c2ob26808f
929	K. Chu, P. McMillan, Z. Smith, J. Yin, J. Atkins, P. Goodwin, S. Wachsmann-Hogiu and S. Lane	Image reconstruction for structured-illumination microscopy with low signal level	Optics Express	2012	10.1158/0008-5472.CAN-11-4096	µ-Plate 96 well	http://cancerres.aacrjournals.org/content/early/2012/04/14/0008-5472.CAN-11-4096.short
930	F. Foerster, T. Chen, K. Altmann and A. Vollmar	Actin-binding doliculide causes premature senescence in p53 wild type cells	Bioorganic & Medicinal Chemistry	2012	10.1016/j.jbiotec.2012.11.001	µ-Slide 18 well flat	http://www.sciencedirect.com/science/article/pii/S0168165612006992
931	G. Fois, M. Weimer, T. Busch, E. T. Felder, F. Oswald, G. von Wichert, T. Seufferlein, P. Dietl and E. Felder	Effects of keratin phosphorylation on the mechanical properties of keratin filaments in living cells	The FASEB Journal	2012	10.1016/j.tiv.2012.02.001	µ-Slide 18 well flat	http://www.sciencedirect.com/science/article/pii/S0887233312000446
932	K. Hsiao, N. Chang, S. Lin, Y. Li and M. Wu	Inhibition of dual specificity phosphatase-2 by hypoxia promotes interleukin-8-mediated angiogenesis in endometriosis	Human Reproduction	2012	10.1016/j.steroids.2012.08.011	µ-Slide 18 well flat	http://www.sciencedirect.com/science/article/pii/S003912 8X12002395
933	D. Braun, A. Knipper, M. Orban, D. Sibbing, T. Petzold, S. Braun and S. Schulz	Platelet function and coagulation in patients with STEMI and peri-interventional clopidogrel plus heparin vs. prasugrel plus bivalirudin therapy (BRAVE 4 substudy)	Thrombosis Research	2012	10.1002/cbic.201200133	µ-Slide 18 well flat	http://dx.doi.org/10.1002/cbic.201200133

934	H. Y. Hsue, J. H. Lin, C. J. Li, S. F. Tsang, C. H. Tsai, J. H. Chyuan, S. J. Chiu and S. E. Chuang	Antimigratory Effects of the Methanol Extract from Momordica charantia on Human Lung Adenocarcinoma CL1 Cells	Evidence-Based Complementary and Alternative Medicine	2012	10.1016/j.jsb.2011.12.012	µ-Slide 2x9 well	http://www.sciencedirect.com/science/article/pii/S1047847711003601
935	Y. Hsu, S. Chang, M. Wang, Y. Chen and T. Huang	Growth inhibition and apoptosis of neuroblastoma cells through ROS-independent MEK/ERK activation by sulforaphane	Cell biochemistry and biophysics	2012	10.1111/boc.201100091	µ-Slide 2x9 well	http://dx.doi.org/10.1111/boc.201100091
936	X. Hu, X. Li, M. Zhao, A. Gottesdiener, W. Luo and S. Paul	Tau pathogenesis is promoted by A-beta-1-42 but not A-beta-1-40	Molecular neurodegeneration	2012		µ-Slide 2x9 well	http://www.sciencedirect.com/science/article/pii/S1087184512000990
937	L. Flanagan, J. Sebastià, L. P. Tuffy, A. Spring, A. Lichawska, M. Devocelle, J. H. M. Prehn and M. Rehm	XIAP impairs Smac release from the mitochondria during apoptosis	Cell Death & Disease	2012	10.1038/ng.2452	µ-Slide 2x9 well	http://www.nature.com/ng/journal/v44/n12/full/ng.2452.html
938	I. Gauci, L. Luong, M. Mahmoud, H. Duckles, S. Hsiao, A. DeLuca and P. Evans	192 The induction of homeobox genes by disturbed flow limits inflammation at atherosusceptible sites	Heart (British Cardiac Society)	2012	10.1128/?JVI.07223-11	µ-Slide 8 well	http://jvi.asm.org/content/86/9/5055.short
939	S. Corall, T. Haraszti, T. Bartoschik, J. Spatz, T. Ludwig and E. Cavalcanti-Adam	a 5 b 1-integrin and MT1-MMP promote tumor cell migration in 2D but not in 3D fibronectin microenvironments	Computational Mechanics	2012	10.1371/journal.pone.0030459	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0030459
940	F. Bollig, B. Perner, B. Besenbeck, S. Kothe, C. Ebert, S. Taudien and C. Englert	A Highly Conserved Retinoic Acid Responsive Element Controls wt1a Expression in the Zebrafish Pronephros	Development	2012	10.1128/AEM.02416-12	µ-Slide 8 well	http://aem.asm.org/content/78/24/8703.short
941	Z. Khin, M. Ribeiro, T. Jacobson, L. Hazlehurst, L. Perez, R. Baz, K. Shain and A. Silva	A preclinical assay for chemosensitivity in multiple myeloma	Cancer Research	2012	10.1128/JVI.00269-12	µ-Slide 8 well	http://jvi.asm.org/content/86/14/7577.short
942	R. Fritz, M. Letzelter, A. Reimann, K. Martin, L. Fusco, L. Ritsma, B. Ponsioen, E. Fluri, S. Schulte-Merker and J. van Rheenen	A Versatile Toolkit to Produce Sensitive FRET Biosensors to Visualize Signaling in Time and Space	Science signaling	2012	10.1016/j.freeradbiomed.2011.12.027	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0891584912000044
943	J. Cahoon, P. Olson, T. Miya, P. Bankhead, J. McGeown, T. Curtis and B. Ambati	Acridine orange leukocyte fluorography in mice	Experimental Eye Research	2012	10.1002/humu.22263	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/humu.22263/abstract

944	R. Bläsche, G. Ebeling, S. Perike, K. Weinhold, M. Kasper and K. Barth	Activation of P2X7R and downstream effects in bleomycin treated lung epithelial cells	The International Journal of Biochemistry & Cell Biology	2012	10.1111/j.1751-1097.2012.01217.x	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/j.1751-1097.2012.01217.x/full
945	R. Corriden, T. Self, K. Akong-Moore, V. Nizet, B. Kellam, S. Briddon and S. Hill	Adenosine-A3 receptors in neutrophil microdomains promote the formation of bacteria-tethering cytonemes	EMBO reports	2012	10.1038/msb.2012.17	µ-Slide 8 well	http://www.nature.com/msb/journal/v8/n1/full/msb201217.html
946	L. Dreyer, B. Krolitzki, R. Autschbach, P. Vogt, T. Welte, A. Ngezahayo and B. Glasmacher	An advanced cone-and-plate reactor for the in vitro-application of shear stress on adherent cells	Clinical Hemorheology and Microcirculation	2012	10.1128/JVI.01585-12	µ-Slide 8 well	http://jvi.asm.org/content/87/1/67.short
947	A. Brüning, T. Kimmich, G. Brem, M. Buchholtz, I. Mylonas, B. Kost, K. Weizsäcker and A. Gingelmaier	Analysis of endoplasmic reticulum stress in placentas of HIV-infected women treated with protease inhibitors	Reproductive Toxicology	2012	10.3390/ph5121265	µ-Slide 8 well	http://www.mdpi.com/1424-8247/5/12/1265/htm
948	M. Burgmaier, K. Schutters, B. Willems, E. van der Vorst, D. Kusters, M. Chatrou, L. Norling, E. Biessen, J. Cleutjens, M. Perretti, L. Schurgers and C. Reutelingsperger	AnxA5 reduces plaque inflammation of advanced atherosclerotic lesions in apoE-/- mice	Journal of Cellular and Molecular Medicine	2012	10.1242/jcs.109777	µ-Slide 8 well	http://jcs.biologists.org/content/early/2012/10/12/jcs.109777.abstract
949	C. Bang, C. Ehlers, A. Orell, D. Prasse, M. Spinner, S. Gorb, S. Albers and R. Schmitz	Biofilm formation of mucosa-associated methanoarchaeal strains	Microbial Physiology and Metabolism	2012	10.1038/bjc.2012.450	µ-Slide 8 well	http://www.nature.com/bjc/journal/v107/n10/full/bjc2012450a.html
950	Z. Blanchard, B. Paul, B. Craft and W. ElShamy	BRCA1-IRIS inactivation overcomes paclitaxel resistance in triple negative breast cancers	Breast Cancer Research	2012	10.1182/blood-2011-09-376475	µ-Slide 8 well	http://bloodjournal.hematologylibrary.org/content/119/26/6296.short
951	R. Djafarzadeh, C. Conrad, S. Notohamiprodjo, S. Hipp, H. Niess, C. Bruns and P. Nelson	Cell surface engineering using glycosylphosphatidylinositol anchored tissue inhibitor of matrix metalloproteinase-1 stimulates cutaneous wound healing	Wound Repair and Regeneration	2012	10.1016/j.jconrel.2012.05.017	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0168365912003938

952	A. Jord, A. Lemaitre, N. Delgehyr, M. Faucourt, N. Spassky and A. Meunier	Centriole amplification by mother and daughter centrioles differs in multiciliated cells	Nature	2012	10.1007/s00395-012-0319-8	µ-Slide 8 well	http://link.springer.com/article/10.1007%2Fs00395-012-0319-8
953	I. Kauer, A. Borst and J. Haag	Complementary motion tuning in frontal nerve motor neurons of the blowfly	Journal of Comparative Physiology A	2012	10.1371/journal.pone.0048935	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0048935
954	P. Hundeshagen, A. Hamacher-Brady, R. Eils and N. R. Brady	Concurrent detection of autolysosome formation and lysosomal degradation by flow cytometry in a high-content screen for inducers of autophagy	BMC Biology	2012	10.1039/C1SM05615H	µ-Slide 8 well	http://pubs.rsc.org/en/Content/ArticleLanding/2012/SM/c1sm05615h
955	D. Arcizet, S. Capito, M. Gorelashvili, C. Leonhardt, M. Vollmer, S. Youssef, S. Rappl and D. Heinrich	Contact-controlled amoeboid motility induces dynamic cell trapping in 3D-microstructured surfaces	Soft Matter	2012	10.1074/jbc.M112.353334	µ-Slide 8 well	http://www.jbc.org/content/287/39/32940.short
956	O. Fromigue, Z. Hamidouche, P. Vaudin, F. Lecanda, A. Patino, P. Barbry, B. Mari and P. J. Marie	Cyr61 downregulation reduces osteosarcoma cell invasion, migration and metastases	Journal of Bone and Mineral Research	2012	10.1007/s00125-011-2301-7	µ-Slide 8 well	http://link.springer.com/article/10.1007%2Fs00125-011-2301-7?LI=true
957	O. Etxebeste, M. Villarino, A. Markina-Iñarrairaegui, L. Araújo-Bazán and E. Espeso	Cytoplasmic Dynamics of the General Nuclear Import Machinery in Apically Growing Syncytial Cells	PloS one	2012	10.1242/dev.071282	µ-Slide 8 well	http://dev.biologists.org/content/139/9/1587.short
958	H. J. Kang, Y. J. Kang, Y. M. Lee, H. H. Shin, S. J. Chung and S. Kang	Developing an antibody-binding protein cage as a molecular recognition drug modular nanoplatform	Biomaterials	2012	10.1016/j.ejpb.2012.10.011	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0939641112003372
959	M. Jaron-Mendelson, R. Yossef, M. Y. Appel, A. Zilka, U. Hadad, F. Afergan, B. Rosental, S. Engel, S. Nedvetzki and A. Braiman	Dimerization of NKp46 Receptor Is Essential for NKp46-Mediated Lysis: Characterization of the Dimerization Site by Epitope Mapping	The Journal of Immunology	2012	10.1002/glia.22419	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/glia.22419/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
960	P. Corbisier, L. Pinheiro, S. Mazoua, A. Kortekaas, P. Chung, T. Gerganova, G. Roebben, H. Emons and K. Emslie	DNA copy number concentration measured by digital and droplet digital quantitative PCR using certified reference materials	Analytical and Bioanalytical Chemistry	2012	10.2119/molmed.2012.00020	µ-Slide 8 well	http://molmed.org/journal/articles/27/1517
961	S. Chew, B. Kundukad, T. Seviour, J. van der Maarel, L. Yang, S. Rice, P. Doyle and S. Kjelleberg	Dynamic remodeling of microbial biofilms by functionally distinct exopolysaccharides	MBio	2012	10.1371/journal.pone.0045974	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0045974

962	S. Knoll, K. Fürst, B. Kowtharapu, U. Schmitz, S. Marquardt, O. Wolkenhauer, H. Martin and B. Pützer	E2F1 induces miR-224/452 expression to drive EMT through TXNIP downregulation	EMBO reports	2012	10.1186/bcr3334	µ-Slide 8 well	http://breast-cancer-research.com/content/14/5/R134
963	Q. Fu, C. Wu, Y. Shen, S. Zheng and R. Chen	Effect of LIMK2 RNAi on reorganization of the actin cytoskeleton in osteoblasts induced by fluid shear stress	Journal of Biomechanics	2012	10.1016/j.bbamem.2012.03.016	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S000527361200106X
964	T. M. Geel, G. Meiss, B. v. d. Gun, B. J. Kroesen, L. F. d. Leij, M. Zaremba, A. Šilanskas, M. Kokkinidis, A. Pingoud, M. H. Ruiters, P. M. McLaughlin and M. G. Rots	Endonucleases induced TRAIL-insensitive apoptosis in ovarian carcinoma cells	Experimental Cell Research	2012	10.6062/jcis.2012.03.02.0055	µ-Slide 8 well	http://epacis.net/jcis/PDF_JCIS/JCIS11-art.55.pdf
965	M. Björnmalm, Y. Yan and F. Caruso	Engineering and Evaluating Drug Delivery Particles in Microfluidic Devices	Journal of Controlled Release	2012	10.1111/j.1365-2958.2011.07946.x	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2958.2011.07946.x/full
966	D. Gibson, E. Greaves, H. Critchley and P. Saunders	Estrogen-dependent regulation of human uterine natural killer cells promotes vascular remodelling via secretion of CCL2	Human Reproduction	2012	10.4161/cc.19711	µ-Slide 8 well	http://www.landesbioscience.com/journals/cc/article/19711/
967	C. Fork, J. Hitzel, B. Nichols, R. Tikkanen and R. Brandes	Flotillin-1 facilitates toll-like receptor 3 signaling in human endothelial cells	Basic Research in Cardiology	2012	10.1039/C2MB25144B	µ-Slide 8 well	http://pubs.rsc.org/en/content/articlelanding/2012/mb/c2mb25144b
968	C. Kleusch, N. Hersch, B. Hoffmann, R. Merkel and A. Csiszár	Fluorescent lipids: Functional parts of fusogenic liposomes and tools for cell membrane labeling and visualization	Molecules	2012	10.1002/chem.201103256	µ-Slide 8 well	http://dx.doi.org/10.1002/chem.201103256
969	A. K. Brödel, J. A. Raymond, J. G. Duman, F. F. Bier and S. Kubick	Functional evaluation of candidate ice structuring proteins using cell-free expression systems	Journal of Biotechnology	2012		µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S089865686812001398
970	A. Jain, M. Betancur, G. Patel, C. Valmikinathan, V. Mukhatyar, A. Vakharia, S. Pai, B. Brahma, T. MacDonald and R. Bellamkonda	Guiding intracortical brain tumour cells to an extracortical cytotoxic hydrogel using aligned polymeric nanofibres	Nature materials	2012	10.1083/jcb.201202015	µ-Slide 8 well	http://jcb.rupress.org/content/198/4/637.abstract
971	T. Geis, R. Popp, J. Hu, I. Fleming, N. Henke, N. Dehne and B. Brüne	HIF-2alpha attenuates lymphangiogenesis by up-regulating IGFBP1 in hepatocellular carcinoma	Biology of the Cell	2012	10.1128/JVI.06856-11	µ-Slide 8 well	http://jvi.asm.org/content/86/9/4906.short

972	C. Jeanty, A. Sourisce, A. Noteuil, N. Jah, A. Wielgosik, I. Fert, M. Breban and C. André	HLA-B27 subtype oligomerization and intracellular accumulation patterns correlate with predisposition to spondyloarthritis	Arthritis & Rheumatology	2012		µ-Slide 8 well	http://linkinghub.elsevier.com/retrieve/pii/S0016508511015034?showall=true
973	T. Buchacher, H. Wiesinger-Mayr, K. Vierlinger, B. Rüger, G. Stanek, M. Fischer and V. Weber	Human blood monocytes support persistence, but not replication of the intracellular pathogen C. pneumoniae	BMC immunology	2012	10.1007/s00232-012-9497-4	µ-Slide 8 well	http://link.springer.com/article/10.1007%2Fs00232-012-9497-4?LI=true
974	A. Cerrada, P. de la Torre, J. Grande, T. Haller, A. Flores and J. Pérez-Gil	Human Decidua-Derived Mesenchymal Stem Cells Differentiate into Functional Alveolar Type II-Like Cells that Synthesize and Secrete Pulmonary Surfactant Complexes	PLOS ONE	2012	10.1186/1742-4690-9-71	µ-Slide 8 well	http://www.retrovirology.com/content/9/1/71
975	R. Ibrahim, A. Lemoine, J. Bertoglio and J. Raingeaud	Human enhancer of filamentation 1-induced colorectal cancer cell migration: Role of serine phosphorylation and interaction with the breast cancer anti-estrogen resistance 3 protein	The International Journal of Biochemistry & Cell Biology	2012	http://dx.doi.org/10.1016/j.vaccine.2012.09.077	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S026441 0X12014211
976	C. L. Forestier, C. Machu, C. Loussert, P. Pescher and G. F. Späth	Imaging Host Cell-Leishmania Interaction Dynamics Implicates Parasite Motility, Lysosome Recruitment, and Host Cell Wounding in the Infection Process	Cell Host & Microbe	2012	10.1128/JVI.00136-12	µ-Slide 8 well	http://biologie.cuso.ch/fileadmin/biologie_microbiologie/document/Project3_study.pdf
977	M. Kabiri, W. Lott, E. Kabiri, P. Russell and M. Doran	In Vitro Assessment of Migratory Behavior of Two Cell Populations in a Simple Multichannel Microdevice	Processes	2012		µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1383576912000116
978	E. Gassert, E. Avota, H. Harms, G. Krohne, E. Gulbins and S. Schneider-Schaulies	Induction of Membrane Ceramides: A Novel Strategy to Interfere with T Lymphocyte Cytoskeletal Reorganisation in Viral Immunosuppression	PLoS Pathog	2012	10.1007/s13758-011-0017-3	µ-Slide 8 well	http://www.springerlink.com/content/99j1348213856060/
979	V. Dippel, K. Milde-Langosch, D. Wicklein, U. Schumacher, P. Altevogt, L. Oliveira-Ferrer, F. Jänicke and C. Schröder	Influence of L1-CAM expression of breast cancer cells on adhesion to endothelial cells	Journal of Cancer Research and Clinical Oncology	2012	10.1016/j.biomaterials.2012.11.045	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S014296121201304X

980	I. Kaur, G. Schramm, B. Everts, T. Scholzen, K. B. Kindle, C. Beetz, C. Montiel-Duarte, S. Blindow, A. T. Jones, H. Haas, S. Stolnik, D. M. Heery and F. H. Falcone	Interleukin-4 Inducing Principle from Schistosoma mansoni Eggs (IPSE/alpha-1) contains a functional C-terminal nuclear localization signal necessary for nuclear translocation in mammalian cells but not for its uptake	Infection and Immunity	2012	10.1038/oncsis.2012.22	µ-Slide 8 well	http://www.nature.com/oncsis/journal/v1/n7/abs/oncsis201222a.html
981	N. Chiaruttini, M. de Frutos, E. Augarde, P. Boulanger, L. Letellier and V. Viasnoff	Is the In Vitro Ejection of Bacteriophage DNA Quasistatic? A Bulk to Single Virus Study	Biophysical Journal	2012	10.4049/?jimmunol.1201404	µ-Slide 8 well	http://www.jimmunol.org/content/190/3/1227.short
982	A.-R. Im, Y. Park and Y. S. Kim	Isolation and Characterization of Chondroitin Sulfates from Sturgeon (Acipenser sinensis) and Their Effects on Growth of Fibroblasts	Biological & Pharmaceutical Bulletin	2012	10.1242/dev.084822	µ-Slide 8 well	http://dev.biologists.org/content/139/22/4250.short
983	A. Ganguly, H. Zhang, R. Sharma, S. Parsons and K. D. Patel	Isolation of human umbilical vein endothelial cells and their use in the study of neutrophil transmigration under flow conditions	Journal of visualized experiments	2012	10.1371/journal.pone.0040585	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0040585
984	M. Kanehisa and S. Goto	KEGG: kyoto encyclopedia of genes and genomes	Nucleic Acids Res	2012	10.1007/s00204-012-0876-5	µ-Slide 8 well	http://link.springer.com/article/10.1007%2Fs00204-012-0876-5?LI=true#page-1
985	I. Elson-Schwab, A. Lorentzen and C. J. Marshall	MicroRNA-200 family members differentially regulate morphological plasticity and mode of melanoma cell invasion	PLoS ONE	2012	10.1111/j.1749-6632.2012.06628.x	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/j.1749-6632.2012.06628.x/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
986	F. Foret, P. Smejkal and M. Macka	Miniaturization and Microfluidics		2012	10.1073/pnas.1115083109	µ-Slide 8 well	http://www.pnas.org/cgi/content/abstract/109/6/E309
987	N. Corcionivoschi, Luis A. J. Alvarez, Thomas H. Sharp, M. Strengert, A. Alemka, J. Mantell, P. Verkade, Ulla G. Knaus and B. Bourke	Mucosal Reactive Oxygen Species Decrease Virulence by Disrupting Campylobacter jejuni Phosphotyrosine Signaling	Cell Host & Microbe	2012	doi.org/10.1016/j.bcp.2012.06.005	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0006295212004030
988	A. Jayo, I. Conde, P. Lastres, V. Jimenez-Yuste and C. Gonzalez-Manchon	New insights into the expression and role of platelet FXIII-A	Journal of Thrombosis and Haemostasis	2012	10.1126/science.1213230	µ-Slide 8 well	http://www.sciencemag.org/content/335/6066/338.abstract
989	S. Brunke, K. Seider, D. Fischer, I. Jacobsen, L. Kasper, N. Jablonowski, A. Wartenberg, O. Bader, A. Enache-Angoulvant and M. Schaller	One Small Step for a Yeast-Microevolution within Macrophages Renders Candida glabrata Hypervirulent Due to a Single Point Mutation	PLoS pathogens	2012	10.1007/s00018-012-1140-0	µ-Slide 8 well	http://link.springer.com/article/10.1007%2Fs00018-012-1140-0?LI=true

990	K. Fuchs, A. Hippe, A. Schmaus, B. Homey, J. P. Sleeman and V. Orian-Rousseau	Opposing effects of high-and low-molecular weight hyaluronan on CXCL12-induced CXCR4 signaling depend on CD44	Cell Death & Disease	2012		µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S000527361200212X
991	M. Cherniavsky-Lev, O. Golani, S. Karlish and H. Garty	Ouabain-Induced Internalization and Lysosomal Degradation of the Na+/K+ ATPase	Journal of Biological Chemistry	2012	10.4049/jimmunol.1102496	µ-Slide 8 well	http://www.jimmunol.org/content/early/2012/05/21/jimmunol.1102496.abstract
992	V. Kamp, J. Langereis, C. van Aalst, J. van der Linden, L. Ulfman and L. Koenderman	Physiological Concentrations of Leptin Do Not Affect Human Neutrophils	PLoS ONE	2012	10.1021/mp200505k	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/mp200505k
993	J. Benada, K. Burdová, T. Lidak, P. von Morgen and L. Macurek	Polo-like kinase 1 inhibits DNA damage response during mitosis	Cell Cycle	2012	10.1083/jcb.201106113	µ-Slide 8 well	http://jcb.rupress.org/cgi/content/abstract/196/1/37
994	C. C. Kartha	Project 12: Molecular Mechanisms of Pulmonary Microvascular Endothelial Dysfunction under Fluid Shear Stress	PVRI Annual Report 2012	2012	10.1258/ebm.2012.011436	µ-Slide 8 well	http://ebm.rsmjournals.com/content/237/6/652.abstract
995	L. I. Bastea, H. Döppler, B. Balogun and P. Storz	Protein Kinase D1 Maintains the Epithelial Phenotype by Inducing a DNA-Bound, Inactive SNAI1 Transcriptional Repressor Complex	PLoS ONE	2012	10.1039/C2RA21544F	µ-Slide 8 well	http://pubs.rsc.org/en/content/articlelanding/2012/ra/c2ra21544f/unauth
996	C. Blanquart, S. E. Karouri and T. Issad	Protein tyrosine phosphatase-1B and T-cell protein tyrosine phosphatase regulate IGF-2-induced MCF-7 cell migration	Biochemical and Biophysical Research Communications	2012	10.1371/journal.ppat.1002434	µ-Slide 8 well	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1002434
997	R. Djafarzadeh, M. Sauter, S. Notohamiprodjo, E. Noessner, P. Goyal, W. Siess, M. Wörnle, A. Ribeiro, S. Himmelein, T. Sitter and P. J. Nelson	Recombinant GPI-Anchored TIMP-1 Stimulates Growth and Migration of Peritoneal Mesothelial Cells	PLoS ONE	2012	10.3762/bjoc.8.204	µ-Slide 8 well	http://www.beilstein-journals.org/bjoc/single/articleFullText.htm?publicId=1860-5397-8-204
998	T. Kaindl, J. Oelke, A. Pasc, S. Kaufmann, O. V. Konovalov, S. S. Funari, U. Engel, A. Wixforth and M. Tanaka	Regulation of adhesion behavior of murine macrophage using supported lipid membranes displaying tunable mannose domains	Journal of Physics: Condensed Matter	2012	10.1371/journal.pone.0050026	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0050026
999	V. Gasperi, D. Evangelista, S. Oddi, F. Florenzano, V. Chiurchiù, L. Avigliano, M. Catani and M. Maccarrone	Regulation of inflammation and proliferation of human bladder carcinoma cells by type-1 and type-2 cannabinoid receptors	Life Science	2012	10.1128/?JVI.00541-12	µ-Slide 8 well	http://jvi.asm.org/content/86/13/7180.short

1000	R. Kanteti, E. El-Hashani, I. Dhanasingh, M. Tretiakova, A. Husain, S. Sharma, J. Sharma, E. Vokes and R. Salgia	Role of Pax8 in the regulation of MET and RON receptor Tyrosine Kinases in non-small cell lung cancer	BMC Cancer	2012	10.1074/jbc.M112.346072	µ-Slide 8 well	http://www.jbc.org/content/early/2012/03/29/jbc.M112.346072.abstract
1001	O. R. Koch, S. Fusco, S. C. Ranieri, G. Maulucci, P. Palozza, L. M. Larocca, A. A. M. Cravero, S. M. Farre, M. De Spirito and T. Galeotti	Role of the life span determinant P66shcA in ethanol-induced liver damage	Laboratory Investigation	2012	10.1371/journal.pone.0029586	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0029586
1002	A. Bribián, S. Nocentini, F. Llorens, V. Gil, E. Mire, D. Reginensi, Y. Yoshida, F. Mann and J. del Río	Sema3E/PlexinD1 regulates the migration of hem-derived Cajal-Retzius cells in developing cerebral cortex	Nat Commun	2012	10.1021/mp300530c	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/mp300530c
1003	M. Ferizi, C. Leonhardt, C. Meggle, M. Aneja, C. Rudolph, C. Plank and J. Radler	Stability analysis of chemically modified mRNA using micropattern-based single-cell arrays	Lab on a Chip	2012	10.1016/j.jconrel.2012.07.017	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0168365912005743
1004	M. Feldman, J. Shenderovich, A. Al-Quntar, M. Friedman and D. Steinberg	Sustained Release of a Novel Anti-Quorum-Sensing Agent against Oral Fungal Biofilms	Antimicrobial Agents and Chemotherapy	2012	10.1002/jmr.2173	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/jmr.2173/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
1005	J. Gašperšic, I. Hafner-Bratkovic, M. Stephan, P. Veranic, M. Bencina, I. Vorberg and R. Jerala	Tetracysteine-tagged prion protein allows discrimination between the native and converted forms	FEBS Journal	2012	10.1002/mnfr.201200301	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/mnfr.201200301/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
1006	J. Armitano, C. Baraquet, V. Michotey, V. Méjean and C. Jourlin-Castelli	The Chemical-in-µ well: A High-Throughput Technique for Identifying Solutes Eliciting a Chemotactic Response in Motile Bacteria	Research in Microbiology	2012		µ-Slide 8 well	http://www.degruyter.com/view/j/bchm.2012.393.issue-1-2/bc-2011-256/bc-2011-256.xml?format=INT
1007	M. Chevillotte, S. Landwehr, L. Linta, G. Frascaroli, A. Luske, C. Buser, T. Mertens and J. von Einem	The major tegument protein pp65 of human cytomegalovirus is required for the incorporation of pUL69 and pUL97 into the virus particle and for viral growth in macrophages	Journal of Virology	2012	10.1074/jbc.M111.309799	µ-Slide 8 well	http://www.jbc.org/content/287/23/19725.short
1008	S. Forveille, H. Zhou, A. Sauvat, L. Bezu, K. Müller, P. Liu, L. Zitvogel, G. Pierron, Ø. Rekdal, O. Kepp and G. Kroemer	The oncolytic peptide LTX-315 triggers necrotic cell death	Cell Cycle	2012	10.1016/j.toxlet.2012.05.010	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0378427412011265

1009	S. Egarter, N. Andenmatten, A. Jackson, G. Pall, J. Black, D. Ferguson, I. Tardieux, A. Mogilner and M. Meissner	The Toxoplasma Acto-MyoA motor complex is important but not essential for gliding motility and host cell invasion	bioRxiv	2012	10.1002/adfm.201102357	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/adfm.201102357/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
1010	C. E. Ford, E. Jary, S. S. Q. Ma, S. Nixdorf, V. A. Heinzelmann-Schwarz and R. L. Ward	The Wnt Gatekeeper SFRP4 Modulates EMT, Cell Migration and Downstream Wnt Signalling in Serous Ovarian Cancer Cells	PLoS ONE	2012	10.1016/j.jconrel.2012.06.040	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0168365912005408
1011	S. Chu, Y. Hsieh, C. Yu, Y. Lai and P. Chen	Thymoquinone Induces Cell Death in Human Squamous Carcinoma Cells via Caspase Activation-Dependent Apoptosis and LC3-II Activation-Dependent Autophagy	PloS one	2012	org/10.1016/j.bbamem.2012.07.017	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0005273612002490
1012	R. Freeman, B. Niego, D. Croucher, L. Ostergaard Pedersen and R. Medcalf	t-PA, but not desmoteplase, induces a plasmin-dependent opening of a blood-brain barrier model under normoxic and ischaemic conditions which can be reversed within a limited time frame	Brain research	2012	10.1016/j.ijpharm.2012.05.018	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0378517312005029
1013	H. Klingberg, L. B. Oddershede, K. Loeschner, E. Larsen, S. Loft and P. Moller	Uptake of gold nanoparticles in primary human endothelial cells	Toxicology Research	2012	doi:10.3791/4239	µ-Slide 8 well	http://www.jove.com/details.stp?id=4239
1014	M. Bielaszewska, A. Bauwens, L. Greune, B. Kemper, U. Dobrindt, J. M. Geelen, K. S. Kim, M. A. Schmidt and H. Karch	Vacuolisation of human microvascular endothelial cells by enterohaemorrhagic Escherichia coli	Thromb Haemost	2012	10.1016/j.devcel.2011.11.021	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1534580711005314
1015	N. D'Haene, S. Sauvage, C. Maris, I. Adanja, M. Le Mercier, C. Decaestecker, L. Baum and I. Salmon	VEGFR1 and VEGFR2 Involvement in Extracellular Galectin-1-and Galectin-3-Induced Angiogenesis	PLoS ONE	2012	10.1016/j.colsurfb.2012.09.032	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0927776512005449
1016	J. Ferraz-Nogueira, F. Díez-Guerra and J. Llopis	Visualization of Phosphatidic Acid Fluctuations in the Plasma Membrane of Living Cells	PloS one	2012	10.1016/j.biocel.2012.02.010	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1357272512000660
1017	M. Kaneda, D. Zhang, R. Bhattacharjee, K.-i. Nakahama, S. Arii and I. Morita	Vitamin K2 suppresses malignancy of HuH7 hepatoma cells via inhibition of connexin 43	Cancer Letters	2012	10.1016/j.biomaterials.2012.03.055	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0143961212003547

1018	M. Kriisa, H. Sinijärv, A. Vaasa, E. Enkvist, S. Kostenko, U. Moens and A. Uri	Inhibition of CREB Phosphorylation by Conjugates of Adenosine Analogues and Arginine-Rich Peptides, Inhibitors of PKA Catalytic Subunit	ChemBioChem	2012		µ-Slide 8 well, µ-Dish 35 mm low, µ-Slide VI 0.4	http://dx.doi.org/10.1039/C2JM32967K
1019	K. D. Chung, Y. I. Jeong, C. W. Chung, D. H. Kim and D. H. Kang	Anti-tumor activity of all-trans retinoic acid-incorporated glycol chitosan nanoparticles against HuCC-T1 human cholangiocarcinoma cells	International Journal of Pharmaceutics	2012		µ-Slide 8 well, µ-Slide Angiogenesis	http://dx.doi.org/10.1371%2Fjournal.pone.0040497
1020	T. Alexy, A. James and C. Searles	Shear sensitive microRNAs and atherosclerosis	Biorheology	2012	org/10.1016/j.snb.2012.09.075,	µ-Slide 8 well, Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0925400512009884
1021	S. Kumari, D. Depoil, R. Martinelli, E. Judokusumo, G. Carmona, F. Gertler, L. Kam, C. Carman, J. Burkhardt and D. Irvine	Actin foci facilitate activation of the phospholipase C-gamma in primary T lymphocytes via the WASP pathway	eLife	2012	10.1021/nn3045243	µ-Slide Angiogenesis	http://dx.doi.org/10.1021/nn3045243
1022	M. Lachnit, E. Kur and W. Driever	Alterations of the cytoskeleton in all three embryonic lineages contribute to the epiboly defect of Pou5f1/Oct4 deficient MZspg zebrafish embryos	Developmental Biology	2012		µ-Slide Angiogenesis	http://dx.doi.org/10.1371%2Fjournal.pone.0034806
1023	G. Bastin, K. Singh, K. Dissanayake, A. S. Mighiu, A. Nurmohamed and S. P. Heximer	Amino-terminal Cysteine Residues Differentially Influence RGS4 Protein Plasma Membrane Targeting, Intracellular Trafficking, and Function	Journal of Biological Chemistry	2012	10.1182/blood-2011-08-376038	µ-Slide Angiogenesis	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/119/5/1302
1024	M. Cobaleda-Siles, M. Henriksen-Lacey, A. de Angulo, A. Bernecker, V. Vallejo and B. Szczupak	An Iron Oxide Nanocarrier for dsRNA to Target Lymph Nodes and Strongly Activate Cells of the Immune System	Small	2012	10.1074/jbc.C111.331686	µ-Slide Angiogenesis	http://www.jbc.org/cgi/content/abstract/287/8/5192
1025	L. Bosgraaf, P. J. M. van Haastert and T. Bretschneider	Analysis of cell movement by simultaneous quantification of local membrane displacement and fluorescent intensities using Quimp2	Cell Motility and the Cytoskeleton	2012	10.1016/j.ydbio.2012.06.025	µ-Slide Angiogenesis	http://www.sciencedirect.com/science/article/pii/S0012160612003545
1026	I. Dolecková, L. Rárová, J. Grúz, M. Vondrusová, M. Strnad and V. Krystof	Antiproliferative and antiangiogenic effects of flavone eupatorin, an active constituent of chloroform extract of Orthosiphon stamineus leaves	Fitoterapia	2012	10.1016/j.biomaterials.2011.11.059	µ-Slide Angiogenesis	http://www.sciencedirect.com/science/article/pii/S014296121101413X

1027	M. Kurogi, M. Miyashita, Y. Emoto, Y. Kubo and O. Saitoh	Green Tea Polyphenol Epigallocatechin Gallate Activates TRPA1 in an Intestinal Enteroendocrine Cell Line, STC-1	Chem Senses	2012		µ-Slide Angiogenesis	http://dx.doi.org/10.1039/C2IB20033C
1028	S. Kumar, S. Parameswaran and R. Sharma	Novel myristoylation of the sperm-specific hexokinase 1 isoform regulates its atypical localization	Biology Open	2012	10.1016/j.biomaterials.2011.11.015,	µ-Slide Angiogenesis	http://www.sciencedirect.com/science/article/pii/S014296121101369X
1029	A. Kummrow, M. Frankowski, N. Bock, C. Werner, T. Dziekan and J. Neukammer	Quantitative assessment of cell viability based on flow cytometry and microscopy	Cytometry Part A	2012	10.7150/thno.5116	µ-Slide Angiogenesis	http://www.thno.org/v02p0976
1030	A. Gautier, E. Nakata, G. Lukinaviius, K.-T. Tan and K. Johnsson	Selective Cross-Linking of Interacting Proteins Using Self-Labeling Tags	JACS	2012	10.1096/fj.12-205906	µ-Slide Angiogenesis	http://www.fasebj.org/content/early/2012/07/26/fj.12-205906.short
1031	C. Chen, N. Malchus, B. Hehn, W. Stelzer, D. Avci, D. Langosch and M. Lemberg	Signal peptide peptidase functions in ERAD to cleave the unfolded protein response regulator XBP1u		2012	10.1016/j.fitote.2012.06.002	µ-Slide Angiogenesis	http://www.sciencedirect.com/science/article/pii/S0367326X12001700
1032	T. Kwak, D. Kim, C. Chung, H. Lee, C. Kim, Y. Jeong and D. Kang	Synergistic Anticancer Effects of Vorinostat and Epigallocatechin-3-Gallate against HuCC-T1 Human Cholangiocarcinoma Cells	Evidence-Based Complementary and Alternative Medicine	2012	10.1002/jbio.201200169	µ-Slide Angiogenesis	http://dx.doi.org/10.1002/jbio.201200169
1033	S. Fujita, M. Ohshima and H. Iwata	Time-lapse observation of cell alignment on nanogrooved patterns	J R Soc Interface	2012	10.1210/jc.2011-2894	µ-Slide Angiogenesis	http://jcem.endojournals.org/content/97/5/1463.short
1034	Z. Fabian and H. O. Fearnhead	TPCK targets elements of mitotic spindle and induces cell cycle arrest in prometaphase	Biochemical and Biophysical Research Communications	2012	10.1002/stem.1247	µ-Slide Angiogenesis	http://onlinelibrary.wiley.com/doi/10.1002/stem.1247/full
1035	F. Lafouresse, V. Cottade-Almeida, G. Malet-Engra, A. Galy, S. Valitutti and L. Dupre	Wiskott-Aldrich syndrome protein controls antigen-presenting cell-driven CD4+ T-cell motility by regulating adhesion to intercellular adhesion molecule	Immunology	2012		µ-Slide Angiogenesis	http://dx.doi.org/10.1371%2Fjournal.pone.0038746
1036	R. F. Claas, M. ter Braak, B. Hegen, V. Hardel, C. Angioni, H. Schmidt, K. H. Jakobs, P. P. Van Veldhoven and D. M. Heringdorf	Enhanced Ca2+ storage in sphingosine-1-phosphate lyase-deficient fibroblasts	Cellular Signalling	2012	10.1371/journal.pone.0046996	µ-Slide Angiogenesis, µ-Slide VI 0.4	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0046996

1037	M. Diaz, N. Li, H. Lee, L. Adamo, S. Evans, H. Willey, N. Arora, Y. Torisawa, D. Vickers, S. Morris, O. Naveiras, S. Murthy, D. Ingber, G. Daley, G. García-Cardeña and P. Wenzel	Biomechanical forces promote blood development through prostaglandin E2 and the cAMP–PKA signaling axis	The Journal of Experimental Medicine	2012	10.1158/0008-5472.CAN-11-3067	µ-Slide Chemotaxis	http://cancerres.aacrjournals.org/content/72/5/1157.short
1038	S. Banhart, E. Saied, A. Martini, S. Koch, L. Aeberhard, K. Madela, C. Arenz and D. Heuer	Improved plaque assay identifies a novel anti-Chlamydia ceramide derivative with altered intracellular localization	Antimicrobial agents and chemotherapy	2012	10.1189/jlb.0212091	µ-Slide Chemotaxis	http://www.jleukbio.org/content/early/2012/07/31/jlb.0212091.short
1039	P. Langehanenberg, L. Ivanova, I. Bernhardt, S. Ketelhut, A. Vollmer, D. Dirksen, G. Georgiev, G. von Bally and B. Kemper	Automated three-dimensional tracking of living cells by digital holographic microscopy	Journal of Biomedical Optics	2012	10.1128/MCB.00121-12	µ-Slide Chemotaxis 2D	http://mcb.asm.org/content/32/16/3242.short
1040	T. Lebar, A. Majerle, B. Ster, A. Dobnikar, M. Bencina and R. Jerala	Designable DNA-binding domains enable construction of logic circuits in mammalian cells	Nature chemical biology	2012	10.1083/jcb.201112113	µ-Slide Chemotaxis 2D, Culture-Insert	http://jcb.rupress.org/content/197/2/239.short
1041	C. Lee, Y. Wu, H. Hsieh, Y. Yu, A. Yu and W. Chang	Epidermal growth factor/heat shock protein 27 pathway regulates vasculogenic mimicry activity of breast cancer stem/progenitor cells	Biochimie	2012	10.1182/blood-2012-01-407098	µ-Slide chemotaxis 3D	http://bloodjournal.hematologylibrary.org/content/119/19/4451.abstract
1042	H. Lee, Y. Jeong, E. J. Kim, K. Lee, S. Choi, Y. Kim, D. Kim and K. Choi	Preparation of Caffeic Acid Phenethyl Ester-Incorporated Nanoparticles and Their Biological Activity	Journal of Pharmaceutical Sciences	2012	doi:10.3791/50310	µ-SLide Chemotaxis 3D, Sticky-Slide Chemotaxis 3D	http://www.jove.com/details.stp?id=50310
1043	V. Caolo, G. Swennen, A. Chalaris, A. Wagenaar, S. Verbruggen, S. Rose-John, D. G. M. Molin, M. Vooijs and M. J. Post	ADAM10 and ADAM17 have opposite roles during sprouting angiogenesis	Angiogenesis	2012	10.1002/mbo3.62	µ-Slide I	http://onlinelibrary.wiley.com/doi/10.1002/mbo3.62/full
1044	J. H. Bannon, D. S. O'Donovan, S. M. Kennelly and M. M. Mc Gee	The peptidyl prolyl isomerase cyclophilin A localizes at the centrosome and the midbody and is required for cytokinesis	Cell Cycle	2012	10.1089/biores.2012.0233	µ-Slide I	http://online.liebertpub.com/doi/abs/10.1089/biores.2012.0233

1045	P. Costa, A. Cardoso, L. Mendonca, A. Serani, C. Custodia, M. Conceicao, S. Simoes, J. Moreira, L. de Almeida and M. de Lima	Tumor-targeted Chlorotoxin-coupled Nanoparticles for Nucleic Acid Delivery to Glioblastoma Cells: A Promising System for Glioblastoma Treatment	Molecular Therapy-Nucleic Acids	2012	10.1016/j.biocel.2011.12.003	µ-Slide I	http://www.sciencedirect.com/science/article/pii/S1357272511003384
1046	A. Augspach, J. List, P. Wolf, H. Bielek, C. Schwan, U. Elsässer-Beile, K. Aktories and G. Schmidt	Activation of RhoA, B, C by Yersinia Cytotoxic Necrotizing Factor (CNFy) Induces Apoptosis in LNCaP Prostate Cancer Cells	Toxins	2012	10.1253/circj.CJ-11-0739	µ-Slide I Luer	
1047	J. Li, F. Liu, Q. Shao, Y. Min, M. Costa, E. Yeow and B. Xing	Enzyme-Responsive Cell-Penetrating Peptides Conjugated Mesoporous Silica Quantum Dots Nanocarriers for Controlled Release of Nucleus-Targeted Drug Molecules and Real-Time Intracellular Fluorescence Imaging of Tumor Cells	Advanced Healthcare Materials	2012	10.1371/journal.pone.0050780	µ-Slide I Luer	http://dx.doi.org/10.1371%2Fjournal.pone.0050780
1048	M. Ashburner, C. A. Ball, J. A. Blake, D. Botstein, H. Butler, J. M. Cherry, A. P. Davis, K. Dolinski, S. S. Dwight and J. T. Eppig	Gene ontology: tool for the unification of biology. The Gene Ontology Consortium	Nat Genet	2012	10.1007/s11095-011-0631-2	µ-Slide I Luer	http://www.springerlink.com/content/55410h8n77615443/
1049	I. Daphu, S. Horn, D. Stieber, J. Varughese, E. Spriet, H. Dale, K. Skaftnesmo, R. Bjerkvig and F. Thorsen	In Vitro Treatment of Melanoma Brain Metastasis by Simultaneously Targeting the MAPK and PI3K Signaling Pathways	International Journal of Molecular Sciences	2012	10.1016/j.bios.2012.07.075	µ-Slide I Luer	http://www.sciencedirect.com/science/article/pii/S0956566312005179
1050	S. Atasheva, E. Frolova and I. Frolov	Interferon-stimulated PARPs are potent inhibitors of cellular translation and virus replication	Journal of Virology	2012	10.1089/ten.tea.2011.0284.	µ-Slide I Luer	http://online.liebertpub.com/doi/abs/10.1089/ten.tea.2011.0284
1051	J. Leinonen, A. Emanuelov, Y. Platt, Y. Helman, Y. Feinberg, C. Lotan and R. Beeri	Left Atrial Appendages from Adult Hearts Contain a Reservoir of Diverse Cardiac Progenitor Cells	PloS one	2012	10.1074/jbc.M111.332676	µ-Slide I Luer	http://www.jbc.org/content/early/2012/01/10/jbc.M111.332676.short
1052	L. Leitner, D. Shaposhnikov, A. Mengel, A. Descot, S. Julien, R. Hoffmann and G. Posern	MAL/MRTF-A controls migration of non-invasive cells by upregulation of cytoskeleton-associated proteins	J. Cell Sci.	2012	10.1038/ncb2441	µ-Slide I Luer	http://www.nature.com/ncb/journal/v14/n3/abs/ncb2441.html
1053	S. Asokan, H. Johnson, A. Rahman, S. King, J. Rotty, I. Lebedeva, J. Haugh and J. Bear	Mesenchymal Chemotaxis Requires Selective Inactivation of Myosin II at the Leading Edge via a Noncanonical PLCgamma/PKCalpha Pathway	Developmental Cell	2012		µ-Slide I Luer	http://www.sciencedirect.com/science/article/pii/S1534580711005867

1054	J. L. Decano, A. M. Moran, N. Ruiz-Opazo and V. L. M. Herrera	Molecular Imaging of Vasa Vasorum Neovascularization via DEspR-targeted Contrast-enhanced Ultrasound Micro-imaging in Transgenic Atherosclerosis Rat Model	Molecular Imaging and Biology	2012	10.1021/es301749s	µ-Slide I Luer	http://pubs.acs.org/doi/abs/10.1021/es301749s
1055	S. Lerch, M. Dass, A. Musyanovych, K. Landfester and V. Mailänder	Polymeric nanoparticles of different sizes overcome the cell membrane barrier	European Journal of Pharmaceutics and Biopharmaceutics	2012		µ-Slide I Luer	http://apl.aip.org/resource/1/applab/v100/i20/p201110_s1
1056	R. Cubí, A. Candalija, A. Ortega, C. Gil and J. Aguilera	Tetanus Toxin Hc Fragment Induces the Formation of Ceramide Platforms and Protects Neuronal Cells against Oxidative Stress	PloS one	2012	10.1002/jbm.b.31988	µ-Slide I Luer	http://onlinelibrary.wiley.com/doi/10.1002/jbm.b.31988/full
1057	K. Deepa, R. Rodionov, N. Weiss and M. Parani	Transgenic Expression and Functional Characterization of Human Platelet Derived Growth Factor BB (hPDGF-BB) in Tobacco (Nicotiana tabacum L.)	Applied biochemistry and biotechnology	2012	10.1016/j.colsurfa.2012.11.028,	µ-Slide I Luer	http://www.sciencedirect.com/science/article/pii/S0927775712007911
1058	S. Atasheva, A. Fish, M. Fornerod and E. I. Frolova	Venezuelan Equine Encephalitis Virus Capsid Protein Forms a Tetrameric Complex with CRM1 and Importin {alpha}/{beta} that Obstructs Nuclear Pore Complex Function	Journal of Virology	2012	10.1007/s11095-011-0660-x	µ-slide I Luer	http://www.springerlink.com/content/wr4rgt033700m613/
1059	J. K. Li, J. J. Liang, C. L. Liao and Y. L. Lin	Autophagy is involved in the early step of Japanese encephalitis virus infection	Microbes and Infection	2012	doi.org/10.1016/j.exppara.2012.08.012,	µ-Slide I Luer 0.2	http://www.sciencedirect.com/science/article/pii/S0014489412002536
1060	B. Dong, S. Zhang, W. Gao, H. Su, J. Chen, F. Jin, A. Bhargava, X. Chen, L. Jorgensen and A. Alberts	Mammalian Diaphanous-Related Formin 1 Regulates GSK3-beta-Dependent Microtubule Dynamics Required for T Cell Migratory Polarization	PloS one	2012	10.1182/blood-2012-07-442467	µ-Slide I Luer 0.2	http://bloodjournal.hematologylibrary.org/content/121/3/546.short
1061	S. Aulic, T. Le, F. Moda, S. Abounit, S. Corvaglia, L. Casalis, S. Gustincich, C. Zurzolo, F. Tagliavini and G. Legname	Defined alpha-synuclein prion-like molecular assemblies spreading in cell culture	BMC neuroscience	2012	http://dx.doi.org/10.1016/j.thromres.2012.08.301	µ-Slide I Luer 0.4	http://www.sciencedirect.com/science/article/pii/S0049384812006779

1062	P. Austin, M. Heller, D. E. Williams, L. P. McIntosh, A. W. Vogl, L. J. Foster, R. J. Andersen, M. Roberge and C. D. Roskelley	Release of Membrane-Bound Vesicles and Inhibition of Tumor Cell Adhesion by the Peptide Neopetrosiamide A	PLoS ONE	2012	10.1093/brain/aws212	µ-Slide I Luer 0.4	http://brain.oxfordjournals.org/content/early/2012/09/13/brain.aws212.short
1063	E. Deak, B. Rüster, L. Keller, K. Eckert, I. Fichtner, E. Seifried and R. Henschler	Suspension Medium Influences Interaction of Mesenchymal Stromal Cells with Endothelium and Pulmonary Toxicity after Transplantation In Mice	Cytotherapy	2012	10.1039/C2AY25513H	µ-Slide III 3in1	http://pubs.rsc.org/en/content/articlelanding/2012/ay/c2ay25513h
1064	S. Coelho, S. Rocha, P. Juzenas, P. Sampaio, G. Almeida, F. Silva, M. Pereira and M. Coelho	Gold nanoparticle delivery-enhanced proteasome inhibitor effect in adenocarcinoma cells	Expert opinion on drug delivery	2012	10.1088/0957-0233/23/8/084004	µ-Slide VI 0.1	http://iopscience.iop.org/0957-0233/23/8/084004
1065	Y. Chebli and A. Geitmann	Live Cell and Immuno-Labeling Techniques to Study Gravitational Effects on Single Plant Cells	Plant Gravitropism	2012	10.1111/j.1538-7836.2012.04760.x	µ-Slide VI 0.1	http://dx.doi.org/10.1111/j.1538-7836.2012.04760.x
1066	N. Deigendesch, F. Koch-Nolte and S. Rothenburg	ZBP1 subcellular localization and association with stress granules is controlled by its Z-DNA binding domains	Nucleic Acids Res.	2012	10.1182/blood-2012-02-410050	µ-Slide VI 0.1	http://bloodjournal.hematologylibrary.org/content/early/2012/04/18/blood-2012-02-410050.abstract
1067	C. Lin, A. Chao, T. Wang, S. Hsueh, Y. Lee, T. Wu, A. Chao, H. Huang, H. Chou and T. Chang	A dual tyrosine kinase inhibitor lapatinib suppresses overexpression of matrix metallopeptidase 1 (MMP1) in endometrial cancer	Journal of Molecular Medicine	2012	10.1160/TH12-03-0206	µ-Slide VI 0.4	http://www.schattauer.de/en/magazine/subject-areas/journals-a-z/thrombosis-and-haemostasis/contents/archive/issue/1588/manuscript/17909.html
1068	S. Baur, M. Rautenberg, M. Faulstich, T. Grau, Y. Severin, C. Unger, W. Hoffmann, T. Rudel, I. Autenrieth and C. Weidenmaier	A Nasal Epithelial Receptor for Staphylococcus aureus WTA Governs Adhesion to Epithelial Cells and Modulates Nasal Colonization	PLoS pathogens	2012	10.1073/pnas.1212596109	µ-Slide VI 0.4	http://www.pnas.org/content/early/2012/09/17/1212596109.short
1069	T. Däubner, A. Fink, A. Seitz, S. Tenzer, J. Muller, D. Strand, C. K. Seckert, C. Janssen, A. Renzaho, N. K. A. Grzimek, C. O. Simon, S. Ebert, M. J. Reddehase, S. A. Oehrlein-Karpi and N. A. W. Lemmermann	A novel transmembrane domain mediating retention of a highly motile herpesvirus glycoprotein in the endoplasmic reticulum	J. Gen. Virol.	2012		µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0142961212003900

1070	M. Gavilan, M. Arjona, A. Zurbano, E. Formstecher, J. Martinez-Morales, M. Bornens and R. Rios	Alpha-catenin-Dependent Recruitment of the Centrosomal Protein CAP350 to Adherens Junctions Allows Epithelial Cells to Acquire a Columnar Shape	PLoS biology	2012	10.1161/?CIRCRESAHA.111.256834	µ-Slide VI 0.4	http://circres.ahajournals.org/content/early/2012/01/25/CIRCRESAHA.111.256834.short
1071	O. Lunov, T. Syrovets, C. Loos, G. U. Nienhaus, V. Mailaender, K. Landfester, M. Rouis and T. Simmet	Amino-Functionalized Polystyrene Nanoparticles Activate the NLRP3 Inflammasome in Human Macrophages	ACS nano	2012	10.1016/j.jhep.2012.08.026	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0168827812006903
1072	B. Fratto, N. Guz and E. Katz	Biomolecular Computing Realized in Parallel Flow Systems: Enzyme-Based Double Feynman Logic Gate	Parallel Processing Letters	2012	10.1074/jbc.M112.404301	µ-Slide VI 0.4	http://www.jbc.org/content/early/2013/01/04/jbc.M112.404301.short
1073	Y. Luo, S. Wu, Y. Wei, Y. Chen, M. Tsai, C. Ho, S. Lin, C. Yang and P. Lin	Cadmium-Based Quantum Dot Induced Autophagy Formation for Cell Survival via Oxidative Stress	Chemical research in toxicology	2012		µ-Slide VI 0.4	http://www.fasebj.org
1074	A. Fatehullah, P. Appleton and I. Näthke	Cell and tissue polarity in the intestinal tract during tumourigenesis: cells still know the right way up, but tissue organization is lost	Philosophical Transactions of the Royal Society B: Biological Sciences	2012	10.1074/jbc.M112.413575	µ-Slide VI 0.4	http://www.jbc.org/content/early/2013/01/14/jbc.M112.413575.short
1075	M. Fanjul-Fernández, V. Quesada, R. Cabanillas, J. Cadiñanos, T. Fontanil, Á. Obaya, A. Ramsay, J. Llorente, A. Astudillo and S. Cal	Cell–cell adhesion genes CTNNA2 and CTNNA3 are tumour suppressors frequently mutated in laryngeal carcinomas	Nature communications	2012	10.1182/blood-2011-10-386094	µ-Slide VI 0.4	http://bloodjournal.hematologylibrary.org/content/120/2/314.short
1076	H. Löffler, A. Fechter, M. Matuszewska, R. Saffrich, M. Mistrik, J. Marhold, C. Hornung, F. Westermann, J. Bartek and A. Krämer	Cep63 Recruits Cdk1 to the Centrosome: Implications for Regulation of Mitotic Entry, Centrosome Amplification, and Genome Maintenance	Cancer Res.	2012	10.3791/4032.	µ-Slide VI 0.4	http://www.jove.com/video/4032/isolation-human-umbilical-vein-endothelial-cells-their-use-study
1077	J. Cash, S. Bena, S. Headland, S. McArthur, V. Brancaleone and M. Perretti	Chemerin15 inhibits neutrophil-mediated vascular inflammation and myocardial ischemia-reperfusion injury through ChemR23	EMBO reports	2012	10.1515/bmt-2012-4070	µ-Slide VI 0.4	http://www.degruyter.com/view/j/bmte.2012.57.issue-s1-B/bmt-2012-4470/bmt-2012-4070.xml

1078	E. Dellera, M. Bonferoni, G. Sandri, S. Rossi, F. Ferrari, C. Del Fante, C. Perotti, P. Grisoli and C. Caramella	Development of chitosan oleate ionic micelles loaded with silver sulfadiazine to be associated with platelet lysate for application in wound healing	European Journal of Pharmaceutics and Biopharmaceutics	2012	10.4049/jimmunol.1100878	µ-Slide VI 0.4	http://jimmunol.org/content/188/9/4590.abstract
1079	N. Ma, J. Yang, K. M. Stewart and S. O. Kelley	DNA-passivated CdS nanocrystals: luminescence, bioimaging, and toxicity profiles	Langmuir	2012	10.1002/eji.201041303	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1002/eji.201041303/abstract
1080	R. Davey, M. Miller, S. Adhikary and A. Kolokoltsov	Ebolavirus Requires Acid	J. Virol	2012	10.1002/eji.201142004	µ-Slide VI 0.4	http://dx.doi.org/10.1002/eji.201142004
1081	A. Cam, M. Sivaguru and E. de Mejia	Endocytic Mechanism of Internalization of Dietary Peptide Lunasin into Macrophages in Inflammatory Condition Associated with Cardiovascular Disease	PLoS ONE	2012	10.1111/j.2041-1014.2012.00650.x	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1111/j.2041-1014.2012.00650.x/full
1082	A. Bakker, C. Huesa, A. Hughes, R. Aspden, R. van't Hof, J. Klein-Nulend and M. Helfrich	Endothelial Nitric Oxide Synthase is Not Essential for Nitric Oxide Production by Osteoblasts Subjected to Fluid Shear Stress In Vitro	Calcified tissue international	2012	10.1021/bc300323x	µ-Slide VI 0.4	http://pubs.acs.org/doi/abs/10.1021/bc300323x
1083	A. Lima, J. Mano, A. Concheiro and C. Alvarez-Lorenzo	Fast and Mild Strategy, Using Superhydrophobic Surfaces, to Produce Collagen/Platelet Lysate Gel Beads for Skin Regeneration	Stem Cell Reviews and Reports	2012	10.1002/hep.25716	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1002/hep.25716/abstract
1084	P. del Pino, A. Munoz-Javier, D. Vlaskou, P. Rivera Gil, C. Plank and W. J. Parak	Gene Silencing Mediated by Magnetic Lipospheres Tagged with Small Interfering RNA	Nano Letters	2012	10.1136/gutjnl-2011-300629	µ-Slide VI 0.4	http://gut.bmj.com/content/early/2012/04/04/gutjnl-2011-300629.abstract
1085	R. Ferrari, M. Lupi, F. Falcetta, P. Bigini, K. Paolella, F. Fiordaliso, C. Bisighini, M. Salmona, M. D'Incalci and M. Morbidelli	Integrated multiplatform method for in vitro quantitative assessment of cellular uptake for fluorescent polymer nanoparticles	Nanotechnology	2012	10.1182/blood-2011-07-369041	µ-Slide VI 0.4	http://bloodjournal.hematologylibrary.org/content/119/21/4981.short
1086	S. V. Eliseeva, G. Aubock, F. V. Mourik, A. Cannizzo, B. Song, E. Deiters, A. S.Chauvin, M. Chergui and J. C. G.Bunzli	Multiphoton-Excited Luminescent Lanthanide Bioprobes: Two-and Three-Photon Cross Sections of Dipicolinate Derivatives and Binuclear Helicates	The Journal of Physical Chemistry B	2012	10.1371/journal.pone.0050809	µ-Slide VI 0.4	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0050809

1087	A. E. El-Shazly, D. Y. Begon, G. Kustermans, M. Arafa, E. Dortu, M. Henket, P. P. Lefebvre, R. Louis and P. Delvenne	Novel Association between Vasoactive Intestinal Peptide and CRTH2 Receptor in Recruiting Eosinophils A POSSIBLE BIOCHEMICAL MECHANISM FOR ALLERGIC EOSINOPHILIC INFLAMMATION OF THE AIRWAYS	Journal of Biological Chemistry	2012	10.1021/la205132x	µ-Slide VI 0.4	http://pubs.acs.org/doi/abs/10.1021/la205132x
1088	A. El-Shazly, H. Doloriert, B. Bisig, P. Lefebvre, P. Delvenne and N. Jacobs	Novel cooperation between CX3CL1 and CCL26 inducing NK cell chemotaxis via CX3CR1: a possible mechanism for NK cell infiltration of the allergic nasal tissue	Clinical & Experimental Allergy	2012	10.1021/la204014q	µ-Slide VI 0.4	http://pubs.acs.org/doi/abs/10.1021/la204014q
1089	Y. Lin, F. M. Richards, B. F. Krippendorff, J. L. Bramhall, J. A. Harrington, T. E. Bapiro, A. Robertson, D. Zheleva and D. I. Jodrell	Paclitaxel and CYC3, an aurora kinase A inhibitor, synergise in pancreatic cancer cells but not bone marrow precursor cells	British journal of cancer	2012	10.1128/JVI.06908-11	µ-Slide VI 0.4	http://jvi.asm.org/content/86/13/7158.abstract?sid=3c3907f9-f622-436c-9fee-533fff2c9153
1090	N. Berberich, B. Uhl, J. Joore, U. K. Schmerwitz, B. A. Mayer, C. A. Reichel, F. Krombach, S. Zahler, A. M. Vollmar and R. Fürst	Roscovitine blocks leukocyte extravasation by inhibition of cyclin dependent kinases 5 and 9	British journal of pharmacology	2012	10.1016/j.bpj.2012.10.039,	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0006349512011940
1091	D. Lysko, M. Putt and J. Golden	SDF1 Reduces Interneuron Leading Process Branching through Dual Regulation of Actin and Microtubules	The Journal of Neuroscience	2012	10.1161/?ATVBAHA.112.249508	µ-Slide VI 0.4	http://atvb.ahajournals.org/content/early/2012/04/12/ATVBAHA.112.249508.short
1092	S. Bubendorfer, M. Koltai, F. Rossmann, V. Sourjik and K. Thormann	Secondary bacterial flagellar system improves bacterial spreading by increasing the directional persistence of swimming	Proceedings of the National Academy of Sciences	2012	10.1111/j.2041-1014.2012.12004.x	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1111/omi.12004/abstract
1093	O. Lunov, V. Zablotskii, T. Syrovets, B. Buechele, C. Schmidt, A. Dejneka, D. Le Roy, F. Dumas-Bouchiat, N. Dempsey and T. Simmet	Static High-Gradient Magnetic Fields Activate Transient Receptor Potential Vanilloid 4 (TRPV4) Ion Channels Enabling Remote Control of Cell Function	Journal of Biological Chemistry	2012	10.1016/j.atherosclerosis.2012.07.044	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0021915012005205
1094	A. Gansen, K. Tóth, N. Schwarz and J. Langowski	Structural Variability of Nucleosomes Detected by Single-Pair Fo¨rster Resonance Energy Transfer: Histone Acetylation, Sequence Variation, and Salt Effects†	The Journal of Physical Chemistry B	2012	10.1158/0008-5472.CAN-12-2569	µ-Slide VI 0.4	http://cancerres.aacrjournals.org/content/73/2/617.short

1095	J. Fertala, J. Kostas, C. Hou, A. Steplewski, P. Beredjiklian, J. Abboud, W. Arnold, G. Williams and A. Fertala	Testing the anti-fibrotic potential of the single-chain Fv antibody against the alpha2 C-terminal telopeptide of collagen I	Connective tissue research	2012	10.1194/jlr.M022384	µ-Slide VI 0.4	http://www.jlr.org/content/53/6/1134.short
1096	M. Mahato, G. Rana, P. Kumar and A. K. Sharma	Tetramethylguanidinium-polyallylamine (Tmg-PA): A new class of nonviral vector for efficient gene transfection	Journal of Polymer Science Part A: Polymer Chemistry	2012	10.1091/mbc.E11-11-0907	µ-Slide VI 0.4	http://www.molbiolcell.org/content/early/2012/06/11/mbc.E11-11-0907.abstract
1097	C. Cottingham, Y. Chen, K. Jiao and Q. Wang	The antidepressant desipramine is an arrestin-biased ligand at the 2A adrenergic receptor driving receptor downregulation in vitro and in vivo	Journal of Biological Chemistry	2012	org/10.1016/j.ajpath.2011.11.037	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0002944011011096
1098	C. Maccario, M. Savio, D. Ferraro, L. Bianchi, R. Pizzala, L. Pretali, L. Forti and L. A. Stivala	The resveratrol analog 4, 4-dihydroxy-trans-stilbene suppresses transformation in normal mouse fibroblasts and inhibits proliferation and invasion of human breast cancer cells	Carcinogenesis	2012	10.1039/c2lc40634a	µ-Slide VI 0.4	http://dx.doi.org/10.1039/C2LC40634A
1099	V. Balan, P. Nangia-Makker, D. H. Kho, Y. Wang and A. Raz	Tyrosine-phosphorylated Galectin-3 Protein Is Resistant to Prostate-specific Antigen (PSA) Cleavage	J. Biol. Chem.	2012	10.1074/jbc.M112.422675	µ-Slide VI 0.4	http://www.jbc.org/content/288/2/1374.short
1100	C. Malavaki, A. Roussidis, C. Gialeli, D. Kletsas, T. Tsegenidis, A. Theocharis, G. Tzanakakis and N. Karamanos	Imatinib as a key inhibitor of the platelet-derived growth factor receptor mediated expression of cell surface heparan sulfate proteoglycans and functional properties of breast cancer cells	FEBS Journal	2012		µ-Slide VI 0.4, µ-Dish 35 mm	http://linkinghub.elsevier.com/retrieve/pii/S1931312812002041
1101	P. Banerjee and A. K. Bhunia	Cell-based biosensor for rapid screening of pathogens and toxins	Biosensors and Bioelectronics	2012	10.1021/ac202578x	µ-Slide VI flat	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3260738/
1102	S. Boddul, J. Meng, J. Dolly and J. Wang	SNAP-23 and VAMP-3 contribute to the release of IL-6 and TNF-alpha from a human synovial sarcoma cell line	FEBS Journal	2012	10.2217/nnm.12.111	µ-Slide VI flat	http://dx.doi.org/10.2217/nnm.12.111
1103	G. Marinkovic, J. Kroon, M. Hoogenboezem, K. Hoeben, M. Ruiter, K. Kurakula, I. Rubio, M. Vos, C. de Vries and J. van Buul	Inhibition of GTPase Rac1 in Endothelium by 6-Mercaptopurine Results in Immunosuppression in Nonimmune Cells: New Target for an Old Drug	The Journal of Immunology	2012	10.1042/bsr20120085	12 Well Chamber removable	http://www.bioscirep.org/bsr/032/bsr0320587.htm

1104	G. Marcelo, E. Kaplan, M. Tarazona and F. Mendicuti	Interaction of gold nanoparticles with Doxorubicin mediated by supramolecular chemistry	Colloids and Surfaces B: Biointerfaces	2012	10.1074/jbc.M112.387076	12 Well Chamber removable	http://www.jbc.org/content/288/1/343.abstract
1105	C. Manzoni, L. Colombo, P. Bigini, V. Diana, A. Cagnotto, M. Messa, M. Lupi, V. Bonetto, M. Pignataro and C. Airoldi	The Molecular Assembly of Amyloid Abeta Controls Its Neurotoxicity and Binding to Cellular Proteins	PLoS ONE	2012	10.1002/cbic.201200083	12 Well Chamber removable	http://dx.doi.org/10.1002/cbic.201200083
1106	M. Markovic, J. Van Hoorick, K. Hölzl, M. Tromayer, P. Gruber, S. Nürnberger, P. Dubruel, S. Van Vlierberghe and R. Liska	Hybrid tissue engineering scaffolds by combination of 3D printing and cell photoencapsulation	Journal of Nanotechnology in Engineering and Medicine	2012	10.1016/j.bbrc.2012.05.081	12 Well Chamber removable, Culture-Insert	http://www.sciencedirect.com/science/article/pii/S000629 1X12009588
1107	D. G. Buschke, J. M. Squirrell, J. J. Fong, K. W. Eliceiri and B. M. Ogle	Cell death, non-invasively assessed by intrinsic fluorescence intensity of NADH, is a predictive indicator of functional differentiation of embryonic stem cells	Biology of the Cell	2012	10.1128/IAI.06160-11	Cover Slip	http://iai.asm.org/content/80/6/2042.short
1108	J. Marques, V. Gaspar, D. Markl, E. Costa, E. Gallardo and I. Correia	Co-delivery of Sildenafil (Viagra®) and Crizotinib for Synergistic and Improved Anti-tumoral Therapy	Pharmaceutical Research	2012	doi:10.3791/3757	Cover Slip, Sticky-Slide I Luer	http://www.jove.com/details.stp?id=3757
1109	C. Chen, M. Keller, M. Hess, R. Schiffmann, N. Urban and A. Wolfgardt	A small molecule restores function to TRPML1 mutant isoforms responsible for mucolipidosis type IV	Nat Commun	2012	10.1016/j.biomaterials.2012.0 8.011	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S014296 1212008873
1110	D. Doyscher, L. Fieseler, L. Dons, M. Loessner and M. Schuppler	Acanthamoeba feature a unique backpacking strategy to trap and feed on Listeria monocytogenes and other motile bacteria	Environmental microbiology	2012	10.1074/jbc.M111.304287	Culture-Insert	http://www.jbc.org/cgi/content/abstract/287/8/5379
1111	C. Chen, J. Lin, Y. Cheng, C. Kuo, C. Huang, S. Kao, Y. Liang, C. Cheng and H. Chen	Amelioration of LPS-Induced Inflammation Response in Microglia by AMPK Activation	BioMed Research International	2012	10.1155/2012/467531	Culture-Insert	http://www.hindawi.com/journals/ecam/2012/467531/abs/
1112	J. Ballester-Beltrán, M. Lebourg, P. Rico and M. Salmerón-Sánchez	Cell migration within confined sandwich-like nanoenvironments	Nanomedicine	2012	10.1038/nature10807	Culture-Insert	http://www.nature.com/nature/journal/vaop/ncurrent/full/n ature10807.html

1113	Y. Chebli, L. Pujol, A. Shojaeifard, I. Brouwer, J. van Loon and A. Geitmann	Cell Wall Assembly and Intracellular Trafficking in Plant Cells Are Directly Affected by Changes in the Magnitude of Gravitational Acceleration	PLoS ONE	2012	10.1093/brain/aws045	Culture-Insert	http://brain.oxfordjournals.org/content/135/4/1027.short
1114	G. Maulucci, G. Pani, S. Fusco, M. Papi, G. Arcovito, T. Galeotti, M. Fraziano and M. De Spirito	Compartmentalization of the redox environment in PC-12 neuronal cells	European Biophysics Journal	2012		Culture-Insert	http://dx.doi.org/10.1371%2Fjournal.pone.0033963
1115	M. Milewska and P. Byrne	Different expression levels of spartin cause broad spectrum of cellular consequences in human neuroblastoma cells	Cell Biology International	2012	10.1002/jbmr.1629	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1002/jbmr.1629/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false
1116	C. Carneiro, A. Correia, T. Collins, M. Vilanova, C. Pais, A. Gomes, M. Real Oliveira and P. Sampaio	DODAB:monoolein liposomes containing Candida albicans cell wall surface proteins: A novel adjuvant and delivery system	European Journal of Pharmaceutics and Biopharmaceutics	2012	10.1016/j.ejca.2012.01.032	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0959804912000962
1117	J. Matuszak, J. Zaloga, R. Friedrich, S. Lyer, J. Nowak, S. Odenbach, C. Alexiou and I. Cicha	Endothelial biocompatibility and accumulation of SPION under flow conditions	Journal of Magnetism and Magnetic Materials	2012	10.1016/j.ijpharm.2011.10.057	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0378517311010362
1118	K. C. Gersh, S. Zaitsev, D. B. Cines, V. Muzykantov and J. W. Weisel	Flow-dependent channel formation in clots by an erythrocyte-bound fibrinolytic agent	Blood	2012	10.1007/s11626-012-9560-6	Culture-Insert	http://link.springer.com/article/10.1007%2Fs11626-012-9560-6?LI=true
1119	J. L. Miljkovic, I. Kenkel, I. Ivanovic-Burmazovic and M. R. Filipovic	Generation of HNO and HSNO from Nitrite by Heme-Iron-Catalyzed Metabolism with H2S	Angewandte Chemie International Edition	2012	10.1007/s13402-011-0059-z	Culture-Insert	http://link.springer.com/article/10.1007%2Fs13402-011-0059-z?LI=true
1120	E. Berthier and D. Beebe	Gradient generation platforms: new directions for an established microfluidic technology	Lab on a Chip	2012	10.1371/journal.pone.0035440	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0035440
1121	G. Maulucci, V. Labate, M. Mele, E. Panieri, G. Arcovito, T. Galeotti, H. Ostergaard, J. R. Winther, M. De Spirito and G. Pani	High-Resolution Imaging of Redox Signaling in Live Cells Through an Oxidation-Sensitive Yellow Fluorescent Protein	Sci. Signal.	2012	10.1016/j.freeradbiomed.2011.12.019	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0891584911012780

1122	A. Martner, H. Wiktorin, B. Lenox, F. Sander, E. Aydin, J. Aurelius, F. Thorén, A. Ståhlberg, S. Hermodsson and K. Hellstrand	Histamine Promotes the Development of Monocyte-Derived Dendritic Cells and Reduces Tumor Growth by Targeting the Myeloid NADPH Oxidase	The Journal of Immunology	2012	10.1002/glia.22273	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1002/glia.22273/full
1123	C. S. Casas-Delucchi, J. G. van Bemmel, S. Haase, H. D. Herce, D. Nowak, D. Meilinger, J. H. Stear, H. Leonhardt and M. C. Cardoso	Histone hypoacetylation is required to maintain late replication timing of constitutive heterochromatin	Nucleic Acids Research	2012	10.1186/1479-5876-10-254	Culture-Insert	http://www.translational-medicine.com/content/10/1/254
1124	R. Mathaes, G. Winter, A. Besheer and J. Engert	Influence of particle geometry and PEGylation on phagocytosis of particulate carriers	International journal of pharmaceutics	2012	10.1074/jbc.M112.413294	Culture-Insert	http://www.jbc.org/content/287/49/41032.short
1125	B. A. Mayer, M. Rehberg, A. Erhardt, A. Wolf, C. A. Reichel, M. Kracht, F. Krombach, G. Tiegs, S. Zahler, A. M. Vollmar and R. FÃ¼rst	Inhibitor of Apoptosis Proteins as Novel Targets in Inflammatory Processes	Arteriosclerosis, Thrombosis, and Vascular Biology	2012	10.1101/gr.140061.112	Culture-Insert	http://genome.cshlp.org/content/22/6/1006.short
1126	S. Berth, H. Caicedo, T. Sarma, G. Morfini and S. Brady	Internalization and Axonal Transport of the HIV Glycoprotein gp120	ASN Neuro	2012	10.1093/carcin/bgs244	Culture-Insert	http://carcin.oxfordjournals.org/content/early/2012/08/26/carcin.bgs244.short
1127	K. Chan, S. Asokan, S. King, T. Bo, E. Dubose, W. Liu, M. Berginski, J. Simon, I. Davis, S. Gomez, N. Sharpless and J. Bear	LKB1 loss in melanoma disrupts directional migration toward extracellular matrix cues	The Journal of Cell Biology	2012	10.1042/BJ20112058	Culture-Insert	http://www.biochemj.org/bj/447/bj4470025.htm
1128	S. Cohen, A. K. Marr, P. Garcin and N. Pante	Nuclear Envelope Disruption Involving Host Caspases Plays a Role in the Parvovirus Replication Cycle	Journal of Virology	2012	10.1155/2012/819632	Culture-Insert	http://www.hindawi.com/journals/ecam/2012/819632/abs/
1129	C. Mikelis, T. Palmby, M. Simaan, W. Li, R. Szabo, R. Lyons, D. Martin, H. Yagi, S. Fukuhara and H. Chikumi	PDZ-RhoGEF and LARG are essential for embryonic development and provide a link between thrombin and LPA receptors and Rho activation	Journal of Biological Chemistry	2012	10.1093/neuonc/nos262	Culture-Insert	http://neuro-oncology.oxfordjournals.org/content/14/11/1367.short
1130	S. Meyer dos Santos, U. Klinkhardt, K. Lang, J. Parisius, K. Kuczka and S. Harder	Phenotypic differences of human neutrophils of carriers of the PSGL-1 A and B-allele in binding to immobilised P-selectin under flow conditions	Thrombosis Research	2012	10.1186/bcr3200	Culture-Insert	http://breast-cancer-research.com/content/14/3/R85

1131	S. K. Ball, M. C. Field, J. R. Tippins and M. G. Bonini	Regulation of Thromboxane Receptor Signaling at Multiple Levels by Oxidative Stress-Induced Stabilization, Relocation and Enhanced Responsiveness	PLoS ONE	2012	10.1016/j.bbrc.2012.05.100	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0006291X12009904
1132	P. Miklavc, K. Ehinger, K. Thompson, N. Hobi, D. Shimshek and M. Frick	Surfactant Secretion in LRRK2 Knock-Out Rats: Changes in Lamellar Body Morphology and Rate of Exocytosis	PloS one	2012	10.1158/1940-6207.CAPR-11-0358	Culture-Insert	http://cancerprevres.aacrjournals.org/content/5/4/665.short
1133	S. Meyer dos Santos, U. Klinkhardt, K. Scholich, K. Nelson, N. Monsefi, H. Deckmyn, K. Kuczka, A. Zorn and S. Harder	The CX3C chemokine fractalkine mediates platelet adhesion via the von Willebrand receptor glycoprotein Ib (GPIb)	Blood	2012	10.1242/jcs.092791	Culture-Insert	http://jcs.biologists.org/cgi/content/abstract/124/24/4318
1134	A. Fatima, S. Kaifeng, S. Dittmann, G. Xu, M. Gupta, M. Linke, U. Zechner, F. Nguemo, H. Milting and M. Farr	The Disease-Specific Phenotype in Cardiomyocytes Derived from Induced Pluripotent Stem Cells of Two Long QT Syndrome Type 3 Patients	PLOS ONE	2012	10.1371/journal.pone.0039925	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0039925
1135	E. Miranda-Laferte, D. Ewers, R. Guzman, N. Jordan, S. Schmidt and P. Hidalgo	The N-terminal domain tethers the voltage-gated calcium channel ?2e-subunit to the plasma membrane via electrostatic and hydrophobic interactions	Journal of Biological Chemistry	2012	10.1016/j.yexcr.2012.01.022	Culture-Insert	http://www.ncbi.nlm.nih.gov/pubmed/22342954
1136	D. Y. Chen, H. J. Wei, K. J. Lin, C. C. Huang, C. C. Wang, C. T. Wu, K. T. Chao, K. J. Chen, Y. Chang and H. W. Sung	Three-dimensional cell aggregates composed of HUVECs and cbMSCs for therapeutic neovascularization in a mouse model of hindlimb ischemia	Biomaterials	2012	10.1523/JNEUROSCI.6340-11.2012	Culture-Insert	http://www.jneurosci.org/content/32/45/15902.short
1137	V. Marx	Tracking metastasis and tricking cancer	Nature	2012		Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0014482712003461
1138	H. L. Matlung, A. E. Neele, H. C. Groen, K. van Gaalen, B. G. Tuna, A. van Weert, J. de Vos, J. J. Wentzel, M. Hoogenboezem and J. D. van Buul	Transglutaminase activity regulates atherosclerotic plaque composition at locations exposed to oscillatory shear stress	Atherosclerosis	2012	10.1167/iovs.11-9203	Culture-Insert	http://www.iovs.org/content/53/3/1539.short
1139	A. McDowall, L. Svensson, P. Stanley, I. Patzak, P. Chakravarty, K. Howarth, H. Sabnis, M. Briones and N. Hogg	Two mutations in the KINDLIN3 gene of a new leukocyte adhesion deficiency III patient reveal distinct effects on leukocyte function in vitro	Blood	2012	10.1007/s10637-012-9875-x	Culture-Insert	http://link.springer.com/article/10.1007%2Fs10637-012-9875-x?LI=true

1140	N. Mercer, B. Ramakrishnan, E. Boeggeman, L. Verdi and P. K. Qasba	Use of novel mutant galactosyltransferase for the bioconjugation of terminal N-Acetylglucosamine (GlcNAc) residues on live cell surface	Bioconjugate Chemistry	2012	10.1038/onc.2012.468	Culture-Insert	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2012468a.html
1141	N. Martin, S. Welsch, C. Jolly, J. A. G. Briggs, D. Vaux and Q. J. Sattentau	Virological Synapse-Mediated Spread of Human Immunodeficiency Virus Type-1 between T cells is Sensitive to Entry Inhibition	Journal of Virology	2012	10.1186/1471-2407-12-72	Culture-Insert	http://www.biomedcentral.com/content/pdf/1471-2407-12-72.pdf
1142	K. Mosiewicz, L. Kolb, A. van der Vlies, M. Martino, P. Lienemann, J. Hubbell, M. Ehrbar and M. Lutolf	In situ cell manipulation through enzymatic hydrogel photopatterning	Nature materials	2012	10.1007/s12013-012-9360-3	Culture-Insert, µ-Dish	http://link.springer.com/article/10.1007%2Fs12013-012-9360-3?LI=true
1143	K. A. Mosiewicz, K. Johnsson and M. P. Lutolf	Phosphopantetheinyl Transferase-Catalyzed Formation of Bioactive Hydrogels for Tissue Engineering	Journal of the American Chemical Society	2012	10.1038/onc.2012.2	Culture-Insert, µ-Dish	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc20122a.html
1144	N. Muenchmeier, S. Boecker, L. Bankel, L. Hinz, N. Rieth, C. Lapa, A. Mendler, E. Noessner, R. Mocikat and P. Nelson	A Novel CXCL10-Based GPI-Anchored Fusion Protein as Adjuvant in NK-Based Tumor Therapy	PloS one	2012		Culture-Insert, µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0006291X12006316
1145	M. Ferreira, R. Dewi and S. Heilshorn	Microfluidic analysis of extracellular matrix-bFGF crosstalk on primary human myoblast chemoproliferation, chemokinesis, and chemotaxis	Integrative Biology	2012	10.1128/MCB.06212-1	Culture-Insert, µ-Dish 35 mm	http://mcb.asm.org/cgi/content/abstract/32/3/633
1146	I. Müller, S. Boyle, R. H. Singer, W. A. Bickmore and J. R. Chubb	Stable Morphology, but Dynamic Internal Reorganisation, of Interphase Human Chromosomes in Living Cells	PLoS ONE	2012	10.1016/j.ijpharm.2011.12.059	Culture-Insert, µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0378517312000038
1147	D. J. Muilenburg, J. M. Coates, S. Virudachalam and R. J. Bold	Targeting bcl-2-mediated cell death as a novel therapy in pancreatic cancer	The Journal of surgical research	2012	10.1002/jcb.24007	Culture-Insert, µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/jcb.24007/abstract
1148	F. Ciuculescu, M. Giesen, E. Deak, V. Lang, E. Seifried and R. Henschler	Variability in chemokine-induced adhesion of human mesenchymal stromal cells	Cytotherapy	2012	10.1016/j.phymed.2012.08.002	Culture-Insert, µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0944711312002516
1149	P. S. Chen, Y. W. Shih, H. C. Huang and H. W. Cheng	Diosgenin, a Steroidal Saponin, Inhibits Migration and Invasion of Human Prostate Cancer PC-3 Cells by Reducing Matrix Metalloproteinases Expression	PLoS ONE	2012	10.1002/smll.201202001	Culture-Insert, µ-Dish 35 mm high	http://onlinelibrary.wiley.com/doi/10.1002/smll.201202001/abstract?deniedAccessCustomisedMessage=&userIsAuthenticated=false

1150	M. Filipovic, M. Eberhardt, V. Prokopovic, A. Mijuskovic, Z. Orescanin-Dusic, P. Reeh and I. Ivanovic-Burmazovic	Beyond H2S and NO Interplay: Hydrogen Sulfide and Nitroprusside React Directly to Give Nitroxyl (HNO). A New Pharmacological Source of HNO	Journal of medicinal chemistry	2012	10.1186/1476-4598-11-19	Culture-Insert, µ-Dish 35 mm low	http://www.biomedcentral.com/content/pdf/1476-4598-11-19.pdf
1151	J. Mun, K. Lee, H. Seo, M. Sung, Y. Cho, S. Lee, O. Kwon and D. Oh	Efficient Adhesion-based Plasma Membrane Isolation for Cell Surface N-glycan Analysis	Analytical chemistry	2012	10.1016/j.cellsig.2011.11.013	Culture-Insert, µ-Slide Angiogenesis, µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0898656811003597
1152	J. Y. Mun, K. J. Lee, Y. J. Kim, O. Kwon, S. J. Kim, S. G. Lee, W. S. Park, W. D. Heo and D. B. Oh	Development of fluorescent probes for the detection of fucosylated N-glycans using an Aspergillus oryzae lectin	Applied microbiology and biotechnology	2012	10.1016/j.mrrev.2012.08.001	Culture-Insert, µ-Slide Chemotaxis	http://www.sciencedirect.com/science/article/pii/S1383574212000464
1153				2012	10.1089/ten.TEC.2011.0458	ibidi pump system, bioreactor	http://online.liebertpub.com/doi/abs/10.1089/ten.TEC.2011.0458
1154	A. Nakajima, H. Kurihara, H. Yagita, K. Okumura and H. Nakano	Mitochondrial extrusion through the cytoplasmic vacuoles during cell death	Journal of Biological Chemistry	2012	10.1007/978-3-0348-0525-4	micro-Insert 4 well, µ-Slide VI 0.4	http://link.springer.com/book/10.1007/978-3-0348-0525-4/page/1
1155	M. Elsner, H. Herold, S. Müller-Herrmann, H. Bargel and T. Scheibel	Enhanced cellular uptake of engineered spider silk particles	Biomaterials Science	2012	doi:10.1371/journal.pone.0042991	Sticky-Slide I Luer	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0042991
1156	M. Handel, T. Hammer, P. Nooeaid, A. Boccaccini and D. Hoefer	45S5-Bioglass®-Based 3D-Scaffolds Seeded with Human Adipose Tissue-Derived Stem Cells Induce In Vivo Vascularization in the CAM Angiogenesis Assay	Tissue Engineering Part A	2011	10.1016/j.expneurol.2011.01.018	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S001448861100032X
1157	J. B. Bosse, R. Bauerfeind, L. Popilka, L. Marcinowski, M. Taeglich, C. Jung, H. Striebinger, J. von Einem, U. Gaul and P. Walther	A Beta-herpesvirus with fluorescent capsids to study transport in living cells	PLoS ONE	2011	10.1371/journal.pgen.1002324	µ-Dish 35 mm	http://dx.doi.org/10.1371%2Fjournal.pgen.1002324
1158	T. N. Hartmann, V. Grabovsky, R. Pasvolsky, Z. Shulman, E. C. Buss, A. Spiegel, A. Nagler, T. Lapidot, M. Thelen and R. Alon	A crosstalk between intracellular CXCR7 and CXCR4 involved in rapid CXCL12-triggered integrin activation but not in chemokine-triggered motility of human T lymphocytes and CD34+ cells	J. Leukoc. Biol.	2011	10.1002/asia.201000905	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/asia.201000905/abstract

1159	M. T. Ali, K. Martin, A. H. S. Kumar, E. Cavallin, S. Pierrou, B. M. Gleeson, W. L. McPheat, E. C. Turner, C.-L. Huang, W. Khider, C. Vaughan and N. M. Caplice	A novel CX3CR1 antagonist eluting stent reduces stenosis by targeting inflammation	Biomaterials	2011	10.1038/cddis.2011.47	µ-Dish 35 mm	http://www.nature.com/cddis/journal/v2/n6/abs/cddis201147a.html
1160	P. Bigliardi, C. Neumann, Y. Teo, A. Pant and M. Bigliardi-Qi	Activation of the delta-opioid receptor promotes cutaneous wound healing by affecting keratinocyte intercellular adhesion and migration	British Journal of Pharmacology	2011	10.1017/S1431927611000249	µ-Dish 35 mm	http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8277611
1161	N. Goffart, J. Kroonen, E. Di Valentin, M. Dedobbeleer, A. Denne, P. Martinive and B. Rogister	Adult mouse subventricular zones stimulate glioblastoma stem cells specific invasion through CXCL12/CXCR4 signaling	Neuro-Oncology	2011	10.1083/jcb.201010099	µ-Dish 35 mm	http://jcb.rupress.org/cgi/content/abstract/193/4/785
1162	J. Halstead, T. Lionnet, J. Wilbertz, F. Wippich, A. Ephrussi, R. Singer and J. Chao	An RNA biosensor for imaging the first round of translation from single cells to living animals	Science	2011	10.1007/s10577-011-9244-1	µ-Dish 35 mm	http://www.springerlink.com/content/6611908k84841080/
1163	S. A. Beers, R. R. French, C. H. T. Chan, S. H. Lim, T. C. Jarrett, M. Vidal, S. S. Wijayaweera, S. V. Dixon, H. J. Kim and K. L. Cox	Antigenic modulation limits the efficacy of anti-CD20 antibodies: implications for antibody selection	Blood	2011	10.1093/infdis/jir308	µ-Dish 35 mm	http://jid.oxfordjournals.org//cgi/content/abstract/204/suppl_3/S861
1164	W. Chen, B. Gassner, S. Borner, V. O. Nikolaev, N. Schlegel, J. Waschke, N. Steinbronn, R. Strasser and M. Kuhn	Atrial natriuretic peptide enhances microvascular albumin permeability by the caveolae-mediated transcellular pathway	Cardiovasc Res	2011		µ-Dish 35 mm	http://www.nature.com/ncomms/journal/v2/n1/full/ncomms1169.html
1165	A. Gomez-Hernandez, Y. F. Otero, N. de las Heras, O. Escribano, V. Cachofeiro, V. Lahera and M. Benito	Brown Fat Lipoatrophy and Increased Visceral Adiposity through a Concerted Adipocytokines Overexpression Induces Vascular Insulin Resistance and Dysfunction	Endocrinology	2011	10.1093/hmg/ddr508	µ-Dish 35 mm	http://hmg.oxfordjournals.org/cgi/content/abstract/ddr508v2
1166	U. Hasegawa, M. Moriyama, H. Uyama and A. van der Vlies	Catechol-bearing block copolymer micelles: Structural characterization and antioxidant activity	Polymer	2011	10.1016/j.jconrel.2010.10.028	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0168365910008424
1167	S. Hanig, R. Entzeroth and M. Kurth	Chimeric fluorescent reporter as a tool for generation of transgenic< i> Eimeria</i>(Apicomplexa, Coccidia) strains with stage specific reporter gene expression	Parasitology International	2011	10.1074/jbc.M110.192138	µ-Dish 35 mm	http://www.jbc.org/cgi/content/abstract/286/15/13304

1168	F. Hahn, K. Schmitz, T. Balaban, F. Bräse and U. Schepers	Conjugation of Spermine Facilitates Cellular Uptake and Enhances Antitumor and Antibiotic Properties of Highly Lipophilic Porphyrins	ChemMedChem	2011	10.1016/j.nimb.2011.02.064	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0168583X11002473
1169	C. F. Harrison, V. A. Lawson, B. M. Coleman, Y. S. Kim, C. L. Masters, R. Cappai, K. J. Barnham and A. F. Hill	Conservation of a glycine rich region in the prion protein is required for uptake of prion infectivity	Journal of Biological Chemistry	2011	10.1021/jf203689z	µ-Dish 35 mm	http://pubs.acs.org/doi/abs/10.1021/jf203689z?mi=vdj4l5&af=R&pageSize=20&searchText=protein+resistant
1170	N. Grosse, A. Fontana, E. Hug, A. Lomax, A. Coray, M. Augsburger, H. Paganetti, A. Sartori and M. Pruschy	Deficiency in Homologous Recombination Renders Mammalian Cells More Sensitive to Proton Versus Photon Irradiation	International Journal of Radiation Oncology • Biology • Physics	2011	10.1074/jbc.M110.163477	µ-Dish 35 mm	http://www.jbc.org/content/286/1/290.abstract
1171	S. Gross, D. Wilms, J. Krause, G. Brezesinski and J. Andrä	Design of NK-2-derived peptides with improved activity against equine sarcoid cells	Journal of Peptide Science	2011	10.1016/j.bcp.2011.03.018	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0006295211001857
1172	B. Gweon, M. Kim, D. B. Kim, D. Kim, H. Kim, H. Jung, J. H. Shin and W. Choe	Differential responses of human liver cancer and normal cells to atmospheric pressure plasma	Applied Physics Letters	2011	10.1523/JNEUROSCI.5651-10.2011	µ-Dish 35 mm	http://www.jneurosci.org/cgi/content/abstract/31/16/6067
1173	M. Gurgui, R. Broere, J. C. Kalff and G. van Echten-Deckert	Dual action of sphingosine 1-phosphate in eliciting proinflammatory responses in primary cultured rat intestinal smooth muscle cells	Cellular Signalling	2011	10.1016/j.bbrc.2011.09.028	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0006291X11016172
1174	N. Gopaldass, D. Patel, R. Kratzke, R. Dieckmann, S. Hausherr, M. Hagedorn, R. Monroy, J. Krüger, E. M. Neuhaus, E. Hoffmann, K. Hille, S. A. Kuznetsov and T. Soldati	Dynamin A, Myosin IB and Abp1 Couple Phagosome Maturation to F-Actin Binding	Traffic	2011	10.1155/2011/187624	µ-Dish 35 mm	http://www.hindawi.com/journals/bcri/2011/187624/
1175	L. Gomes-da-Silva, Y. Fernández, I. Abasolo, S. Schwartz, J. Ramalho, M. Pedroso de Lima, S. Simões and J. Moreira	Efficient intracellular delivery of siRNA with a safe multitargeted lipid-based nanoplatform	Nanomedicine	2011	10.1016/j.yexcr.2011.05.023	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0014482711001984
1176	R. Gomes, R. Neves, L. Cochlin, A. Lima, R. Carvalho, P. Korpisalo, G. Dragneva, M. Turunen, T. Liimatainen and K. Clarke	Efficient pro-survival/angiogenic miRNA delivery by an MRI-detectable nanomaterial	ACS nano	2011	10.1074/mcp.M110.006478	µ-Dish 35 mm	http://www.mcponline.org/cgi/content/abstract/10/6/M110.006478

1177	M. Hagiyama, T. Furuno, Y. Hosokawa, T. Iino, T. Ito, T. Inoue, M. Nakanishi, Y. Murakami and A. Ito	Enhanced Nerve-Mast Cell Interaction by a Neuronal Short Isoform of Cell Adhesion Molecule-1	The Journal of Immunology	2011	10.1182/blood-2010-12-326595	µ-Dish 35 mm	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/118/7/1818
1178	S. J. Harris, R. V. Parry, J. G. Foster, M. D. Blunt, A. Wang, F. Marelli-Berg, J. Westwick and S. G. Ward	Evidence That the Lipid Phosphatase SHIP-1 Regulates T Lymphocyte Morphology and Motility	The Journal of Immunology	2011	10.1101/gad.600211	µ-Dish 35 mm	http://www.genesdev.org/cgi/doi/10.1101/gad.600211.
1179	D. Harlow, K. Saul, C. Culp, E. Vesely and W. Macklin	Expression of Proteolipid Protein Gene in Spinal Cord Stem Cells and Early Oligodendrocyte Progenitor Cells Is Dispensable for Normal Cell Migration and Myelination	The Journal of Neuroscience	2011	10.1016/j.mcn.2011.10.003	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S1044743111002417
1180	W. Comrie, A. Babich and J. Burkhardt	F-actin flow drives affinity maturation and spatial organization of LFA-1 at the immunological synapse	The Journal of cell biology	2011	PMCID: PMC3081800	µ-Dish 35 mm	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3081800/
1181	M. Gupta, D. Illich, A. Gaarz, M. Matzkies, F. Nguemo, K. Pfannkuche, H. Liang, S. Classen, M. Reppel, J. Schultze, J. Hescheler and T. Saric	Global transcriptional profiles of beating clusters derived from human induced pluripotent stem cells and embryonic stem cells are highly similar	BMC Developmental Biology	2011	10.1021/mp2000814	µ-Dish 35 mm	http://pubs.acs.org/doi/abs/10.1021/mp2000814?mi=tzren4&af=R&pageSize=20&startYear=2011&prevSearch=%2528Cell%2Bpenetrating%2Bpeptide%2529%2BNOT%2B%255Batype%253A%2Bad%255D%2BNOT%2B%255Batype%253A%2Bacs-toc%255D&startMonth=1&pubDateRange=epubDateRange&searchText=Cell+penetrating+peptide&sortBy=edate
1182	P. Haro-González, P. Sevilla, F. Sanz-Rodríguez, E. Rodríguez, N. Bogdan, J. Capobianco, K. Dholakia and D. Jaque	Gold nanorod assisted intracellular optical manipulation of silica microspheres	Optics Express	2011	10.1371/journal.pone.0015820	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0015820
1183	K. Goetsch, K. Myburgh and C. Niesler	In vitro myoblast motility models: investigating migration dynamics for the study of skeletal muscle repair	Journal of muscle research and cell motility	2011	10.1093/nar/gkr723	µ-Dish 35 mm	http://nar.oxfordjournals.org/content/early/2011/09/08/nar.gkr723.short
1184	Y. Guo, C. Chang, W. Hsu, S. Chiu, Y. Tsai, Y. Chou, M. Hou, J. Wang, M. Lee and K. Tsai	Indomethacin inhibits cancer cell migration via attenuation of cellular calcium mobilization	Molecules	2011	10.1016/j.jconrel.2011.09.081	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0168365911009126

1185	J. Freire, A. Veiga, T. Conceição, W. Kowalczyk, R. Mohana-Borges, D. Andreu, N. Santos, A. Da Poian and M. Castanho	Intracellular Nucleic Acid Delivery by the Supercharged Dengue Virus Capsid Protein	PLOS ONE	2011	10.1074/jbc.M111.227793	µ-Dish 35 mm	http://www.jbc.org/cgi/content/abstract/286/21/18982
1186	D. Hari, H. W. Xin, K. Jaiswal, G. Wiegand, B. K. Kim, C. Ambe, D. Burka, T. Koizumi, S. Ray and S. Garfield	Isolation of Live Label-Retaining Cells and Cells Undergoing Asymmetric Cell Division via Nonrandom Chromosomal Cosegregation from Human Cancers	Stem Cells and Development	2011	10.1016/j.biomaterials.2011.01.059	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0142961211001050
1187	K. Grikscheit, T. Frank, Y. Wang and R. Grosse	Junctional actin assembly is mediated by Formin-like 2 downstream of Rac1	The Journal of Cell Biology	2011	10.1158/1535-7163.MCT-10-0884	µ-Dish 35 mm	http://mct.aacrjournals.org/cgi/content/abstract/10/5/761
1188	P. G. Greciano, J. V. Moyano, M. M. Buschmann, J. Tang, Y. Lu, J. Rudnicki, A. Manninen and K. S. Matlin	Laminin 511 partners with laminin 332 to mediate directional migration of Madin-Darby canine kidney epithelial cells	Mol. Biol. Cell	2011	10.4049/jimmunol.1002244	µ-Dish 35 mm	http://www.jimmunol.org/cgi/content/abstract/186/10/5983
1189	A. Guo, Y. Hou, H. Hirata, S. Yamauchi, A. Yip, K. Chiam, N. Tanaka, Y. Sawada and K. Kawauchi	Loss of p53 Enhances NF-kappa-B-Dependent Lamellipodia Formation	Journal of Cellular Physiology	2011	10.1371/journal.pone.0025459	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0025459
1190	I. Halova, L. Draberova and P. Draber	Mast cell chemotaxis-chemoattractants and signaling pathways	Frontiers in Immunology	2011	10.4049/jimmunol.1003730	µ-Dish 35 mm	http://www.jimmunol.org/cgi/content/abstract/187/6/3072
1191	D. Hammond, K. Zeng, A. Espert, R. Bastos, R. Baron, U. Gruneberg and F. Barr	Melanoma-associated mutations in protein phosphatase 6 cause chromosome instability and DNA damage owing to dysregulated Aurora-A	Journal of cell science	2011	10.1002/glia.21102	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/glia.21102/full
1192	M. González-Guerrero, J. Esquivel, D. Sánchez-Molas, P. Godignon, F. Muñoz, F. del Campo, F. Giroud, S. Minteer and N. Sabaté	Membraneless glucose/O 2 microfluidic enzymatic biofuel cell using pyrolyzed photoresist film electrodes	Lab on a Chip	2011	10.1073/pnas.1012531108	µ-Dish 35 mm	http://www.pnas.org/cgi/content/abstract/108/7/2945

1193	F. Haasters, D. Docheva, C. Gassner, C. Popov, W. Böcker, W. Mutschler, M. Schieker and W. Prall	Mesenchymal stem cells from osteoporotic patients reveal reduced migration and invasion upon stimulation with BMP-2 or BMP-7	Biochemical and Biophysical Research Communications	2011	10.1074/jbc.M110.187492	µ-Dish 35 mm	http://www.jbc.org/cgi/content/abstract/286/5/3935
1194	P. J. Hanley, Y. Xu, M. Kronlage, K. Grobe, P. Schon, J. Song, L. Sorokin, A. Schwab and M. Bahler	Motorized RhoGAP myosin IXb (Myo9b) controls cell shape and motility	PNAS	2011	10.1007/s11064-011-0474-6	µ-Dish 35 mm	http://dx.doi.org/10.1007/s11064-011-0474-6
1195	K. Hase, S. Kimura, H. Takatsu, M. Ohmae, S. Kawano, H. Kitamura, M. Ito, H. Watarai, C. C. Hazelett and C. Yeaman	M-Sec promotes membrane nanotube formation by interacting with Ral and the exocyst complex	Nature Cell Biology	2011	10.4196/kjpp.2011.15.6.397	µ-Dish 35 mm	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3282228/
1196	C. Hagen, S. Werner, S. Carregal-Romero, A. Malhas, B. Klupp, P. Guttmann, S. Rehbein, K. Henzler, T. Mettenleiter and D. Vaux	Multimodal nanoparticles as alignment and correlation markers in fluorescence/soft X-ray cryo-microscopy/tomography of nucleoplasmic reticulum and apoptosis in mammalian cells	Ultramicroscopy	2011	10.3233/JAD-2011-110320	µ-Dish 35 mm	http://iospress.metapress.com/content/l2400w2040239315/
1197	H. Gu, J. Werner, F. Bergmann, D. Whitcomb, M. Büchler and F. Fortunato	Necro-inflammatory response of pancreatic acinar cells in the pathogenesis of acute alcoholic pancreatitis	Cell Death & Disease	2011	10.1007/s11051-011-0587-5	µ-Dish 35 mm	http://www.springerlink.com/content/nu13272t7v574463/
1198	I. Hafner-Bratkovic, M. Bencina, K. A. Fitzgerald, D. Golenbock and R. Jerala	NLRP3 inflammasome activation in macrophage cell lines by prion protein fibrils as the source of IL-1Î² and neuronal toxicity	Cellular and Molecular Life Sciences	2011	10.1002/mabi.201000494	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/mabi.201000494/full
1199	L. Fliedl, G. Manhart, F. Kast, H. Katinger, R. Kunert, J. Grillari, M. Wieser and R. Grillari-Voglauer	Novel human Renal Proximal Tubular Cell Line for the Production of complex proteins	Journal of Biotechnology	2011	10.1002/cbic.201100064	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/cbic.201100064/abstract
1200	J. Freire, A. Veiga, I. Rego de Figueiredo, B. de la Torre, N. Santos, D. Andreu, A. Da Poian and M. Castanho	Nucleic acid delivery by cell penetrating peptides derived from dengue virus capsid protein: design and mechanism of action	FEBS Journal	2011	10.1074/jbc.M111.239244	µ-Dish 35 mm	http://www.jbc.org/cgi/content/abstract/286/41/35588

1201	P. Bargiotas, A. Krenz, S. G. Hormuzdi, D. A. Ridder, A. Herb, W. Barakat, S. Penuela, J. von Engelhardt, H. Monyer and M. Schwaninger	Pannexins in ischemia-induced neurodegeneration	PNAS	2011	10.1111/j.1600-0854.2011.01296.x	µ-Dish 35 mm	http://dx.doi.org/10.1111/j.1600-0854.2011.01296.x
1202	E. B. Gyenge, D. Lüscher, P. Forny, M. Antoniol, G. Geisberger, H. Walt, G. Patzke and C. Maake	Photodynamic Mechanisms induced by a Combination of Hypericin and a Chlorin Based-Photosensitizer in Head and Neck Squamous Cell Carcinoma Cells	Photochemistry and Photobiology	2011	10.1074/jbc.M111.302109	µ-Dish 35 mm	http://www.jbc.org/content/early/2011/12/02/jbc.M111.302109.short
1203	M. R. Gillrie, K. Lee, D. Gowda, S. P. Davis, M. Monestier, L. Cui, T. T. Hien, N. P. J. Day and M. Ho	Plasmodium falciparum Histones Induce Endothelial Proinflammatory Response and Barrier Dysfunction	The American journal of pathology	2011	10.1093/infdis/jir326	µ-Dish 35 mm	http://jid.oxfordjournals.org//cgi/content/abstract/204/suppl_3/S957
1204	J. Fischer, O. Popp, D. Gebhard, S. Veith, A. Fischbach, S. Beneke, A. Leitenstorfer, J. Bergemann, M. Scheffner, E. Ferrando-May, A. Mangerich and A. Bürkle	Poly(ADP-ribose)-mediated interplay of XPA and PARP1 leads to reciprocal regulation of protein function	FEBS Journal	2011	10.1158/0008-5472.CAN-09-3414	µ-Dish 35 mm	http://cancerres.aacrjournals.org/cgi/content/abstract/71/6/2129
1205	S. A. Freeman, S. J. McLeod, J. Dukowski, P. Austin, C. C. Y. Lee, B. Millen-Martin, P. Kubes, D.-M. McCafferty, M. R. Gold and C. D. Roskelley	Preventing the Activation or Cycling of the Rap1 GTPase Alters Adhesion and Cytoskeletal Dynamics and Blocks Metastatic Melanoma Cell Extravasation into the Lungs	Cancer Res.	2011	10.1016/j.bpj.2011.01.041	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S000634951100124X
1206	K. Goetsch, C. Snyman, K. Myburgh and C. Niesler	ROCK-2 is Associated With Focal Adhesion Maturation During Myoblast Migration	Journal of Cellular Biochemistry	2011	10.1039/c0jm00645a	µ-Dish 35 mm	http://pubs.rsc.org/en/Content/ArticleLanding/2010/JM/c0jm00645a
1207	D. Greif, N. Pobigaylo, B. Frage, A. Becker, J. Regtmeier and D. Anselmetti	Space-and time-resolved protein dynamics in single bacterial cells observed on a chip	Journal of Biotechnology	2011	10.1111/j.1462-2920.2011.02638.x	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1111/j.1462-2920.2011.02638.x/full
1208	P. Goyal, A. Behring, A. Kumar and W. Siess	STK35L1 Associates with Nuclear Actin and Regulates Cell Cycle and Migration of Endothelial Cells	PLoS ONE	2011	10.1111/j.1582-4934.2010.01232.x	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1111/j.1582-4934.2010.01232.x/abstract
1209	R. A. Colvin, T. K. Means, T. J. Diefenbach, L. F. Moita, R. P. Friday, S. Sever, G. S. V. Campanella, T. Abrazinski, L. A. Manice and C. Moita	Synaptotagmin-mediated vesicle fusion regulates cell migration	Nature Immunology	2011	10.1074/jbc.M110.153486	µ-Dish 35 mm	http://www.jbc.org/cgi/content/abstract/286/3/1927

1210	P. Gogate, E. Kurenova, M. Ethirajan, J. Liao, M. Yemma, A. Sen, R. Pandey and W. Cance	Targeting the C-terminal focal adhesion kinase scaffold in pancreatic cancer	Cancer Letters	2011	10.1007/s11033-010-0442-2	µ-Dish 35 mm	http://www.springerlink.com/content/95434m2104683074/
1211	K. Harren, B. Brandhoff, M. Knödler and B. Tudzynski	The High-Affinity Phosphodiesterase BcPde2 Has Impact on Growth, Differentiation and Virulence of the Phytopathogenic Ascomycete Botrytis cinerea	PLOS ONE	2011	10.1038/nature09863	µ-Dish 35 mm	http://www.nature.com/nature/journal/v471/n7340/full/nature09863.html?WT.ec_id=NATURE-20110331
1212	J. Gomez-Cavazos and M. Hetzer	The nucleoporin gp210/Nup210 controls muscle differentiation by regulating nuclear envelope/ER homeostasis	The Journal of Cell Biology	2011	10.1042/BJ20111389	µ-Dish 35 mm	http://www.biochemj.org/bj/imps/abs/BJ20111389.htm
1213	C. Braeutigam, L. Rago, A. Rolke, L. Waldmeier, G. Christofori and J. Winter	The RNA-binding protein Rbfox2: an essential regulator of EMT-driven alternative splicing and a mediator of cellular invasion	Oncogene	2011	10.1038/ncomms1243	µ-Dish 35 mm	http://www.nature.com/ncomms/journal/v2/n3/full/ncomms1243.html
1214	J. Grützke, K. Rindte, C. Goosmann, O. Silvie, C. Rauch, D. Heuer, M. Lehmann, A. Mueller, V. Brinkmann and K. Matuschewski	The spatiotemporal dynamics and membranous features of the Plasmodium liver stage tubovesicular network	Traffic	2011	10.1007/s00792-011-0411-2	µ-Dish 35 mm	http://www.springerlink.com/content/q32l53073p5l25h6/
1215	C. Cenciarelli, C. Tanzarella, I. Vitale, C. Pisano, P. Crateri, S. Meschini, G. Arancia and A. Antoccia	The tubulin-depolymerising agent combretastatin-4 induces ectopic aster assembly and mitotic catastrophe in lung cancer cells H460	Apoptosis	2011	10.1158/0008-5472.CAN-10-4336	µ-Dish 35 mm	http://cancerres.aacrjournals.org/content/early/2011/05/04/0008-5472.CAN-10-4336.abstract
1216	J. Griffié, L. Boelen, G. Burn, A. Cope and D. Owen	Topographic prominence as a method for cluster identification in single-molecule localisation data	Journal of Biophotonics	2011	10.1083/jcb.201007050	µ-Dish 35 mm	http://jcb.rupress.org/cgi/content/abstract/jcb.201007050v1
1217	C. Greineder, A. Chacko, S. Zaytsev, B. Zern, R. Carnemolla, E. Hood, J. Han, B. Ding, C. Esmon and V. Muzykantov	Vascular Immunotargeting to Endothelial Determinant ICAM-1 Enables Optimal Partnering of Recombinant scFv-Thrombomodulin Fusion with Endogenous Cofactor	PLOS ONE	2011	10.1667/RR2406.1	µ-Dish 35 mm	http://www.rrjournal.org/doi/abs/10.1667/RR2406.1?journalCode=rare
1218	B. Gönci, V. Németh, E. Balogh, B. Szabó, Á. Dénes, Z. Környei, T. Vicsek and E. E. Ooi	Viral Epidemics in a Cell Culture: Novel High Resolution Data and Their Interpretation by a Percolation Theory Based Model	PLoS ONE	2011	10.1016/j.chom.2011.03.011	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S1931312811000989

1219	Y. Higashimura, Y. Naito, T. Takagi, K. Mizushima, Y. Hirai, A. Harusato, H. Ohnogi, R. Yamaji, H. Inui and Y. Nakano	Oligosaccharides from agar inhibit murine intestinal inflammation through the induction of heme oxygenase-1 expression	Journal of gastroenterology	2011	10.1038/nature10649	µ-Dish 35 mm high	http://www.nature.com/nature/journal/vaop/ncurrent/full/nature10649.html?WT.ec_id=NATURE-20111110
1220	B. Hoffmann, A. Csiszár, N. Hersch and R. Zantl	Effizienter Molekültransfer in lebende Zellen mithilfe der Membranfusion	BIOspektrum	2011	10.1016/j.neuroscience.2011.04.064	µ-Dish 35 mm, µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0306452211005264
1221	J. Hoffmann, C. Schneider, L. Heinbockel, K. Brandenburg, R. Reimer and G. Gabriel	A New Class of Synthetic Anti-Lipopolysaccharide Peptides Inhibits Influenza A Virus Replication by Blocking Cellular Attachment	Antiviral Research	2011	10.1124/jpet.110.175182	µ-Dish 35 mm, Culture-Insert	http://jpet.aspetjournals.org/cgi/content/abstract/336/3/643
1222	U. Hofmann, S. Michaelis, T. Winckler, J. Wegener and K.-H. Feller	A whole-cell biosensor as in vitro alternative to skin irritation tests	Biosensors and Bioelectronics	2011	10.1073/pnas.1107140108	µ-Dish 35 mm, Culture-Insert	http://www.pnas.org/cgi/content/abstract/108/49/19830
1223	A. M. Calcagno-Pizarelli, A. Hervás-Aguilar, A. Galindo, J. F. Abenza, M. A. Penalva and H. N. Arst	Rescue of Aspergillus nidulans severely debilitating null mutations in ESCRT-0, I, II and III genes by inactivation of a salt-tolerance pathway allows examination of ESCRT gene roles in pH signalling	Journal of Cell Science	2011	10.1091/mbc.E11-03-0207	µ-Dish 35 mm, Culture-Insert	http://www.molbiolcell.org/cgi/content/abstract/22/22/4256
1224	A. Bratic, A. Wredenberg, S. Grönke, J. B. Stewart, A. Mourier, B. Ruzzenente, C. Kukat, R. Wibom, B. Habermann, L. Partridge and N.-G. Larsson	The Bicoid Stability Factor Controls Polyadenylation and Expression of Specific Mitochondrial mRNAs in Drosophila melanogaster	PLoS Genet	2011	10.1083/jcb.201011014	µ-Dish 35 mm, Culture-Insert	http://jcb.rupress.org/content/193/5/917.abstract?sid=1ab42a37-ca58-4e5d-9720-a2161d739e4a
1225	N. Hofmann, S. Barth, M. Waldeck-Weiermair, C. Klec, D. Strunk, R. Malli and W. Graier	TRPV1 mediates cellular uptake of anandamide and thus promotes endothelial cell proliferation and network-formation	Biology open	2011	10.1016/j.ajhg.2011.04.013	µ-Dish 35 mm, Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0002929711001546
1226	A. O. Hohner, M. P. C. David and J. O. Rädler	Controlled solvent-exchange deposition of phospholipid membranes onto solid surfaces	Biointerphases	2011	10.1371/journal.pone.0028965	µ-Dish 35 mm, Grid-500	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0028965
1227	B. Holmes, S. DeVos, N. Kfoury, M. Li, R. Jacks, K. Yanamandra, M. Ouidja, F. Brodsky, J. Marasa and D. Bagchi	Heparan sulfate proteoglycans mediate internalization and propagation of specific proteopathic seeds	Proceedings of the National Academy of Sciences	2011	10.1007/s00441-010-1114-1	µ-Dish 35 mm, Grid-500	https://infoscience.epfl.ch/record/164957

1228	Z. Holubcová, P. Matula, M. Sedlácková, V. Vinarský, D. Doležalová, T. Bárta, P. Dvorák and A. Hampl	Human Embryonic Stem Cells Suffer from Centrosomal Amplification	Stem Cells	2011	10.1113/jphysiol.2011.216408	µ-Dish 50 mm	http://jp.physoc.org/cgi/content/abstract/589/22/5361
1229	A. Hörner, T. Hagendorn, U. Schepers and S. Bräse	Photophysical Properties and Synthesis of New Dye–Cyclooctyne Conjugates for Multicolor and Advanced Microscopy	Bioconjugate Chemistry	2011	10.3389/fmicb.2011.00222	µ-Plate 96 well	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3210503/
1230	C. Y. Hsiao, C. Y. Hung, T. H. Tsai and K. F. Chak	A Study of the Wound Healing Mechanism of a Traditional Chinese Medicine, Angelica sinensis, Using a Proteomic Approach	Evidence-Based Complementary and Alternative Medicine	2011	10.1016/j.cell.2011.03.023	µ-Slide 18 well flat	http://www.sciencedirect.com/science/article/pii/S009286741100300X
1231	P. Devanna, J. Middelbeek and S. Vernes	FOXP2 drives neuronal differentiation by interacting with retinoic acid signaling pathways	Frontiers in Cellular Neuroscience	2011	10.1016/j.matbio.2011.03.003	µ-Slide 18 well flat	http://www.sciencedirect.com/science/article/pii/S0945053X11000230
1232	J. Hoyer and I. Neundorf	Knockdown of a G protein-coupled receptor through efficient peptide-mediated siRNA delivery	Journal of Controlled Release	2011	10.1371/journal.pone.0026093	µ-Slide 18 well flat	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0026093
1233	M. Hottenrott, J. Wedel, S. Gaertner, E. Stamellou, T. Kraaij, L. Mandel, R. Loesel, C. Sticht, S. Hoeger and L. Ait-Hsiko	N-Octanoyl Dopamine Inhibits the Expression of a Subset of KB Regulated Genes: Potential Role of p65 Ser276 Phosphorylation	PLoS ONE	2011		µ-Slide 18 well flat	http://www.benthamscience.com/open/totermj/openaccess2.htm
1234	A. C. Hsieh, Y. Liu, M. P. Edlind, N. T. Ingolia, M. R. Janes, A. Sher, E. Y. Shi, C. R. Stumpf, C. Christensen and M. J. Bonham	The translational landscape of mTOR signalling steers cancer initiation and metastasis	Nature	2011	10.1016/j.bbrc.2011.10.109	µ-Slide 18 well flat	http://www.sciencedirect.com/science/article/pii/S0006291X11019437
1235	W. Huang da, B. T. Sherman and R. A. Lempicki	Systematic and integrative analysis of large gene lists using DAVID bioinformatics resources	Nat Protoc	2011	10.1371/journal.pone.0020031	µ-Slide 2x9 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0020031

1236	H. Kim, H. Lee, K. Lim, Y. Surh and H. Na	15-Deoxy-Delta12,14-prostaglandin J2 induces expression of 15-hydroxyprostaglandin dehydrogenase through Elk-1 activation in human breast cancer MDA-MB-231 cells	Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis	2011	10.1074/jbc.M109.013185	µ-Slide 8 well	http://www.jbc.org/cgi/content/abstract/286/6/4500
1237	T. Kirchberger, C. Moreau, G. K. Wagner, R. Fliegert, C. C. Siebrands, M. Nebel, F. Schmid, A. Harneit, F. Odoardi and A. FlÜGel	8-Bromo-cyclic inosine diphosphoribose: towards a selective cyclic ADP-ribose agonist	The Biochemical Journal	2011	10.1038/ncb2301	µ-Slide 8 well	http://www.nature.com/ncb/journal/v13/n9/full/ncb2301.html
1238	J. Kostencka, T. Kozacki, A. Kus and M. Kujawinska	Accurate approach to capillary-supported optical diffraction tomography	Optics express	2011	10.1074/jbc.M111.304873	µ-Slide 8 well	http://www.jbc.org/content/early/2011/10/27/jbc.M111.304873.short
1239	S. Fokong, M. Siepmann, Z. Liu, G. Schmitz, F. Kiessling and J. Gätjens	Advanced Characterization and Refinement of Poly N-Butyl Cyanoacrylate Microbubbles for Ultrasound Imaging	Ultrasound in medicine & biology	2011	10.1371/journal.pone.0028018	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0028018
1240	A. Kovács, L. Szabó, C. Longstaff, K. Tenekedjiev, R. Machovich and K. Kolev	Ambivalent roles of carboxypeptidase B in the lytic susceptibility of fibrin	Thrombosis research	2011	10.1371/journal.pone.0023637	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0023637
1241	Q. L. Chen, K. L. Cheung, S. K. Kong, J. Q. Zhou, Y. W. Kwan, C. K. Wong and H. P. Ho	An integrated lab-on-a-disc for automated cell-based allergen screening bioassays	Talanta	2011	10.4049/jimmunol.1102233	µ-Slide 8 well	http://www.jimmunol.org/cgi/content/abstract/187/11/5887
1242	D. Kim, Y. Kwak, N. Kim and T. Sim	Antitumor effects and molecular mechanisms of ponatinib on endometrial cancer cells harboring activating FGFR2 mutations	Cancer biology & therapy	2011	10.1093/nar/gkr099	µ-Slide 8 well	http://nar.oxfordjournals.org/cgi/content/abstract/gkr099v1
1243	Y. Chang, C. Tsai, Y. Lai, C. Yu, W. Chi, J. Li and W. Chang	Arecoline-induced myofibroblast transdifferentiation from human buccal mucosal fibroblasts is mediated by ZEB1	Journal of Cellular and Molecular Medicine	2011	10.1681/ASN.2010111154	µ-Slide 8 well	http://jasn.asnjournals.org/cgi/content/abstract/22/8/1475
1244	J. Klokkers, P. Langehanenberg, B. Kemper, S. Kosmeier, G. von Bally, C. Riethmuller, F. Wunder, A. Sindic, H. Pavenstadt, E. Schlatter and B. Edemir	Atrial natriuretic peptide and nitric oxide signaling antagonizes vasopressin-mediated water permeability in inner medullary collecting duct cells	Am J Physiol Renal Physiol	2011	10.1038/ki.2011.326	µ-Slide 8 well	http://www.nature.com/ki/journal/vaop/ncurrent/full/ki2011326a.html

1245	H. Koiwaya, K. Sasaki, T. Ueno, S. Yokoyama, Y. Toyama, M. Ohtsuka, T. Nakayoshi, Y. Mitsutake and T. Imaizumi	Augmented neovascularization with magnetized endothelial progenitor cells in rats with hind-limb ischemia	Journal of Molecular and Cellular Cardiology	2011	10.1152/ajprenal.00315.2010	µ-Slide 8 well	http://ajprenal.physiology.org/cgi/content/abstract/301/2/F396
1246	M. Fu, L. Li, T. Albrecht, J. D. Johnson, L. D. Kojic and I. R. Nabi	Autocrine Motility Factor/Phosphoglucose Isomerase Regulates ER Stress and Cell Death Through Control of ER Calcium Release	Cell Death & Differentiation	2011	10.1038/ncomms1459	µ-Slide 8 well	http://www.nature.com/ncomms/journal/v2/n8/full/ncomms1459.html
1247	K. Kosmas, A. Eskandarnaz, A. Khorsandi, A. Kumar, R. Ranjan, S. Eming, A. Noegel and V. Peche	CAP2 is a regulator of the actin cytoskeleton and its absence changes infiltration of inflammatory cells and contraction of wounds	European Journal of Cell Biology	2011	10.1016/j.protis.2011.03.001	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1434461011000253
1248	D. Kölmel, A. Hörner, F. Rönicke, M. Nieger, U. Schepers and S. Bräse	Cell-penetrating peptoids: Introduction of novel cationic side chains	European Journal of Medicinal Chemistry	2011	10.1371/journal.pbio.1001162	µ-Slide 8 well	http://www.mc.vanderbilt.edu/documents/deptsurg/files/JC_10_28_11.pdf
1249	H. Kalwa, J. Sartoretto, R. Martinelli, N. Romero, B. Steinhorn, M. Tao, C. Ozaki, C. Carman and T. Michel	Central role for hydrogen peroxide in P2Y1 ADP receptor-mediated cellular responses in vascular endothelium	Proceedings of the National Academy of Sciences	2011	doi:10.3791/2857	µ-Slide 8 well	http://www.jove.com/details.stp?id=2857
1250	A. Koerdt, S. Jachlewski, A. Ghosh, J. Wingender, B. Siebers and S. V. Albers	Complementation of Sulfolobus solfataricus PBL2025 with an Î±-mannosidase: effects on surface attachment and biofilm formation	Extremophiles	2011	10.1016/j.dnarep.2011.07.004	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1568786411001959
1251	D. Franco, M. Klingauf, M. Bednarzik, M. Cecchini, V. Kurtcuoglu, J. Gobrecht, D. Poulikakos and A. Ferrari	Control of initial endothelial spreading by topographic activation of focal adhesion kinase	Soft Matter	2011		µ-Slide 8 well	http://www.jstage.jst.go.jp/article/inflammregen/31/2/31_219/_article
1252	M. Kim, M. Lee, B. Kwon, H. Seo, M. Koo, K. You, D. Kim and J. Park	Control of neonatal human dermal fibroblast migration on poly(lactic-co-glycolic acid)-coated surfaces by electrotaxis	Journal of Tissue Engineering and Regenerative Medicine	2011	10.1074/jbc.M110.205419	µ-Slide 8 well	http://www.jbc.org/content/286/26/23334.short

1253	J. Cortés, N. Pujol, M. Sato, M. Pinar, M. Ramos, B. Moreno, M. Osumi, J. Ribas and P. Pérez	Cooperation between Paxillin-like Protein Pxl1 and Glucan Synthase Bgs1 Is Essential for Actomyosin Ring Stability and Septum Formation in Fission Yeast	PLoS Genet	2011		µ-Slide 8 well	http://dx.doi.org/10.1038/onc.2011.516
1254	I. Ibiricu, J. T. Huiskonen, K. Döhner, F. Bradke, B. Sodeik and K. Grünewald	Cryo Electron Tomography of Herpes Simplex Virus during Axonal Transport and Secondary Envelopment in Primary Neurons	PLoS Pathogens	2011	10.1128/JVI.05820-11	µ-Slide 8 well	http://jvi.asm.org/content/early/2011/11/16/JVI.05820-11.abstract
1255	Y. Iwadate and S. Yumura	Cyclic stretch of the substratum using a shape-memory alloy induces directional migration in Dictyosteliumcells	BioTechniques	2011	10.1242/jcs.088344	µ-Slide 8 well	http://jcs.biologists.org/content/early/2011/12/01/jcs.088344.abstract
1256	M. J. Kim, S. Pal, Y. K. Tak, K. H. Lee, T. K. Yang, S. J. Lee and J. M. Song	Determination of the dose–depth distribution of proton beam using resazurin assay in vitro and diode laser-induced fluorescence detection	Analytica Chimica Acta	2011	10.1088/0957-4484/22/46/465603	µ-Slide 8 well	http://iopscience.iop.org/0957-4484/22/46/465603
1257	L. Jasnos and T. Sawado	Determining cell division symmetry through the dissection of dividing cells using single-cell expression analysis	Nature Protocols	2011	10.1002/jrs.2975	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/jrs.2975/full
1258	D. Kosel, J. T. Heiker, C. Juhl, C. M. Wottawah, M. Bluher, K. Morl and A. G. Beck-Sickinger	Dimerization of adiponectin receptor 1 is inhibited by adiponectin	J. Cell Sci.	2011	10.1002/eji.201040965	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/eji.201040965/full
1259	L. Hurtado, C. Caballero, M. P. Gavilan, J. Cardenas, M. Bornens and R. M. Rios	Disconnecting the Golgi ribbon from the centrosome prevents directional cell migration and ciliogenesis	The Journal of cell biology	2011	10.4049/jimmunol.1100515	µ-Slide 8 well	http://www.jimmunol.org/cgi/content/abstract/187/5/2394
1260	Y. Klingen, K.-K. Conzelmann and S. Finke	Double-Labeled Rabies Virus: Live Tracking of Enveloped Virus Transport	Journal of Virology	2011	10.1128/IAI.01142-10	µ-Slide 8 well	http://iai.asm.org/cgi/content/abstract/IAI.01142-10v1
1261	S. Jones, H. Bischof, I. Lang, G. Desoye, S. Greenwood, E. Johnstone, M. Wareing, C. Sibley and P. Brownbill	Dysregulated flow-mediated vasodilatation in the human placenta in fetal growth restriction	The Journal of Physiology	2011	10.1371/journal.pone.0016627	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0016627
1262	M. Cornejo, D. Nambi, C. Walheim, M. Somerville, J. Walker, L. Kim, L. Ollison, G. Diamante, S. Vyawahare and M. E. de Bellard	Effect of NRG1, GDNF, EGF and NGF in the Migration of a Schwann Cell Precursor Line	Neurochemical research	2011	10.1371/journal.pone.0019339	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0019339

1263	E. Anitua, F. Muruzabal, M. De la Fuente, J. Merayo-Lloves and G. Orive	Effects of heat-treatment on plasma rich in growth factors-derived autologous eye drop	Experimental eye research	2011	10.1371/journal.pone.0016760	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0016760
1264	M. Khalid, H. Yu, D. Sauter, S. M. Usmani, J. Schmokel, J. Feldman, R. A. Gruters, M. E. van der Ende, M. Geyer and S. Rowland-Jones	Efficient Nef-Mediated Downmodulation of TCR-CD3 and CD28 Is Associated with High CD4+ T Cell Counts in Viremic HIV-2 Infection	Journal of Virology	2011	10.1161/atvbaha.111.234294	µ-Slide 8 well	http://atvb.ahajournals.org/content/31/10/2240.abstract
1265	H.-S. Kim, K. J. Czymmek, A. Patel, S. Modla, A. Nohe, R. Duncan, S. Gilroy and S. Kang	Expression of the Cameleon calcium biosensor in fungi reveals distinct Ca2+ signatures associated with polarized growth, development, and pathogenesis	Fungal Genetics and Biology	2011	10.3791/2696	µ-Slide 8 well	http://www.jove.com/details.stp?id=2696
1266	T. A. Fuchs, A. Brill, D. Duerschmied, D. Schatzberg, M. Monestier, D. D. Myers, Jr., S. K. Wrobleski, T. W. Wakefield, J. H. Hartwig and D. D. Wagner	Extracellular DNA traps promote thrombosis	PNAS	2011	10.1161/ATVBAHA.110.215517	µ-Slide 8 well	http://atvb.ahajournals.org/cgi/content/abstract/ATVBAHA.110.215517v1
1267	J. Jacoby, M. Kreitzer, S. Alford, H. Qian, B. Tchernookova, E. Naylor and R. Malchow	Extracellular pH dynamics of retinal horizontal cells examined using electrochemical and fluorometric methods	J Neurophysiol	2011	10.1681/ASN.2010040379	µ-Slide 8 well	http://jasn.asnjournals.org/cgi/content/abstract/22/3/496
1268	J. C. G. Cortés, M. Sato, J. Munoz, M. B. Moreno, J. A. Clemente-Ramos, M. Ramos, H. Okada, M. Osumi, A. Durán and J. C. Ribas	Fission yeast Ags1 confers the essential septum strength needed for safe gradual cell abscission	The Journal of Cell Biology	2011	10.1074/jbc.M111.259424	µ-Slide 8 well	http://www.jbc.org/content/early/2011/08/09/jbc.M111.259424.abstract
1269	T. Kirchner, E. Hermann, S. Möller, M. Klinger, W. Solbach, T. Laskay and M. Behnen	Flavonoids and 5-Aminosalicylic Acid Inhibit the Formation of Neutrophil Extracellular Traps	Mediators of Inflammation	2011	10.1002/chem.201100154	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/chem.201100154/full
1270	F. Kotsis, R. Nitschke, M. Doerken, G. Walz and E. W. Kuehn	Flow Modulates Centriole Movements in Tubular Epithelial Cells	Pflügers Archiv European Journal of Physiology	2011	10.1002/elsc.201000045	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/elsc.201000045/full
1271	M. Dithmer, S. Fuchs, Y. Shi, H. Schmidt, E. Richert, J. Roider and A. Klettner	Fucoidan Reduces Secretion and Expression of Vascular Endothelial Growth Factor in the Retinal Pigment Epithelium and Reduces Angiogenesis In Vitro	PLOS ONE	2011	10.1042/BJ20101121	µ-Slide 8 well	http://www.biochemj.org/bj/434/bj4340523.htm

1272	A. R. Jensen, S. Y. David, C. Liao, J. Dai, E. T. Keller, H. Al-Ahmadie, K. Dakin-Hache, P. Usatyuk, M. F. Sievert, G. P. Paner, S. Yala, G. M. Cervantes, V. Natarajan, R. Salgia and E. M. Posadas	Fyn Is Downstream of the HGF/MET Signaling Axis and Affects Cellular Shape and Tropism in PC3 Cells	Clin. Cancer Res.	2011	10.1371/journal.pone.0023472	µ-Slide 8 well	http://dx.doi.org/10.1371%2Fjournal.pone.0023472
1273	D. Kim, C. H. Kim, J. I. Moon, Y. G. Chung, M. Y. Chang, B. S. Han, S. Ko, E. Yang, K. Y. Cha and R. Lanza	Generation of human induced pluripotent stem cells by direct delivery of reprogramming proteins	Cell Stem Cell	2011	10.1016/j.freeradbiomed.2011.08.035	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S089158491100565X
1274	A. Kelsch, S. Tomcin, K. Rausch, M. Barz, V. Mailänder, M. Schmidt, K. Landfester and R. Zentel	HPMA Copolymers as Surfactants in the Preparation of Biocompatible Nanoparticles for Biomedical Application	Biomacromolecules	2011	10.1016/j.biomaterials.2010.08.111	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S014296121001149X
1275	A. Formey, L. Buscemi, F. X. Boittin, J. L. Beny and J. J. Meister	Identification and functional response of interstitial Cajal-like cells from rat mesenteric artery	Cell and Tissue Research	2011	10.4049/?jimmunol.1101011	µ-Slide 8 well	http://www.jimmunol.org/cgi/content/abstract/187/8/4031
1276	S. M. Corsello, G. Roti, K. N. Ross, K. T. Chow, I. Galinsky, D. J. DeAngelo, R. M. Stone, A. L. Kung, T. R. Golub and K. Stegmaier	Identification of AML1-ETO modulators by chemical genomics	Blood	2011	10.1002/cbic.201000576	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/cbic.201000576/full
1277	M. R. Katika, P. J. M. Hendriksen, N. C. A. De Ruijter, H. van Loveren and A. Peijnenburg	Immunocytological and biochemical analysis of the mode of action of bis (tri-n-butyltin) tri-oxide (TBTO) in Jurkat cells	Toxicology letters	2011	10.4049/jimmunol.1000702	µ-Slide 8 well	http://www.jimmunol.org/cgi/content/abstract/186/8/4794
1278	B. Kemper, R. Schubert, S. Dartmann, A. Vollmer, S. Ketelhut and G. von Bally	Improved quantitative phase contrast in self-interference digital holographic microscopy and sensing dynamic refractive index changes of the cytoplasm using internalized microspheres as probes	SPIE BiOS	2011	10.1093/cvr/cvr265	µ-Slide 8 well	http://cardiovascres.oxfordjournals.org/cgi/content/abstract/cvr265v2
1279	N. Kramer, A. Walzl, C. Unger, M. Rosner, G. Krupitza, M. Hengstschläger and H. Dolznig	In vitro cell migration and invasion assays	Mutation Research/Reviews in Mutation Research	2011	10.1161/CIRCULATIONAHA.110.004747	µ-Slide 8 well	http://circ.ahajournals.org/cgi/content/abstract/123/21/2404
1280	V. Kolossov, W. Hanafin, J. Beaudoin, D. Bica, S. DiLiberto, P. Kenis and H. Gaskins	Inhibition of glutathione synthesis distinctly alters mitochondrial and cytosolic redox poise	Experimental Biology and Medicine	2011	10.1093/hmg/ddr507	µ-Slide 8 well	http://hmg.oxfordjournals.org/cgi/content/abstract/ddr507v2

1281	H. Janouskova, A. Maglott, D. Y. Leger, C. Bossert, F. Noulet, E. Guerin, D. Guenot, S. Pinel, P. Chastagner and F. Plenat	Integrin alpha5betha1 Plays a Critical Role in Resistance to Temozolomide by Interfering with the p53 Pathway in High-Grade Glioma	Cancer Research	2011	10.1016/j.canlet.2011.09.002	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0304383511005325
1282	L. Koendermann, J. A. M. van der Linden, H. Honing and L. H. Ulfman	Integrins on neutrophils are dispensable for migration into three-dimensional fibrin gels	Thrombosis and Haemostasis	2011	10.1038/cr.2011.202	µ-Slide 8 well	http://www.nature.com/cr/journal/vaop/ncurrent/full/cr2011202a.html
1283	H. Amano, W. Ikeda, S. Kawano, M. Kajita, Y. Tamaru, N. Inoue, Y. Minami, A. Yamada and Y. Takai	Interaction and localization of Necl-5 and PDGF receptor {beta} at the leading edges of moving NIH3T3 cells: Implications for directional cell movement	Genes to Cells	2011	10.1074/jbc.M110.210047	µ-Slide 8 well	http://www.jbc.org/cgi/content/abstract/286/8/6587
1284	Y. Chang, Y. Hsiao, M. Wu, C. Ou, Y. Lin, K. Lue and J. Ko	Interruption of lung cancer cell migration and proliferation by fungal immunomodulatory protein FIP-fve from Flammulina velutipes	Journal of agricultural and food chemistry	2011	10.1093/toxsci/kfr110	µ-Slide 8 well	http://toxsci.oxfordjournals.org/content/122/2/317
1285	N. Katase, M. Lefeuvre, H. Tsujigiwa, M. Fujii, S. Ito, R. Tamamura, R. Buery, M. Gunduz and H. Nagatsuka	Knockdown of Dkk-3 decreases cancer cell migration and invasion independently of the Wnt pathways in oral squamous cell carcinoma-derived cells	Oncology reports	2011	10.1093/chemse/bjr087	µ-Slide 8 well	http://chemse.oxfordjournals.org/cgi/content/abstract/bjr087v1
1286	B. Kemper, A. Bauwens, A. Vollmer, S. Ketelhut, P. Langehanenberg, J. Müthing, H. Karch and G. von Bally	Label-free quantitative cell division monitoring of endothelial cells by digital holographic microscopy	Journal of Biomedical Optics	2011	10.1016/j.jconrel.2011.11.012	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S016836591101042X
1287	N. Jain, V. Goldschmidt, S. Oncul, Y. Arntz, G. Duportail, Y. Mely and A. S. Klymchenko	Lactose-ornithine bolaamphiphiles for efficient gene delivery in vitro	International Journal of Pharmaceutics	2011	10.1074/jbc.M111.261578	µ-Slide 8 well	http://www.jbc.org/content/286/41/36063
1288	A. Kondrashina, D. Papkovsky and R. Dmitriev	Measurement of cell respiration and oxygenation in standard multichannel biochips using phosphorescent O2-sensitive probes	Analyst	2011	10.1371/journal.pone.0020425	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0020425
1289	D. Clarkson and R. Barbosa	Measurement of compliance of infusion device consumable elements using an analytical weighing balance	Medical Engineering & Physics	2011	10.1021/ja204781t	µ-Slide 8 well	http://dx.doi.org/10.1021/ja204781t

1290	T. Cordes, A. Maiser, C. Steinhauer, L. Schermelleh and P. Tinnefeld	Mechanisms and advancement of antifading agents for fluorescence microscopy and single-molecule spectroscopy	Phys. Chem. Chem. Phys.	2011	10.1074/jbc.M110.208421	µ-Slide 8 well	http://www.jbc.org/cgi/content/abstract/286/18/15862
1291	S. Kalies, K. Kuetemeyer and A. Heisterkamp	Mechanisms of high-order photobleaching and its relationship to intracellular ablation	Biomedical Optics Express	2011	10.1038/onc.2011.527	µ-Slide 8 well	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2011527a.html
1292	R. Kanteti, I. Dhanasingh, I. Kawada, F. Lennon, Q. Arif, R. Bueno, R. Hasina, A. Husain, W. Vigneswaran and T. Seiwert	MET and PI3K/mTOR as a Potential Combinatorial Therapeutic Target in Malignant Pleural Mesothelioma	PloS one	2011	10.1016/j.bmc.2011.03.045	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0968089611002264
1293	T. Ke, H. Hsu, Y. Wu, W. Chen, Y. Cheng and C. Cheng	MicroRNA-224 Suppresses Colorectal Cancer Cell Migration by Targeting Cdc42	Disease Markers	2011	10.1021/bm200901s	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/bm200901s?elq=cc9fd8b1ffba412fb16630668ac4c5b0
1294	R. Bhuwania, A. Castro-Castro and S. Linder	Microtubule acetylation regulates dynamics of KIF1C-powered vesicles and contact of microtubule plus ends with podosomes	European Journal of Cell Biology	2011	10.1242/jcs.069500	µ-Slide 8 well	http://jcs.biologists.org/cgi/content/abstract/124/9/1571
1295	N. Kliese, P. Gobrecht, D. Pachow, N. Andrae, A. Wilisch-Neumann, E. Kirches, M. Riek-Burchardt, F. Angenstein, G. Reifenberger and M. Riemenschneider	miRNA-145 is downregulated in atypical and anaplastic meningiomas and negatively regulates motility and proliferation of meningioma cells	Oncogene	2011	10.1111/j.1365-2818.2011.03576.x	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2818.2011.03576.x/full
1296	T. C. Chen, C. H. Lai, J. L. Chang and S. W. Chang	Mitomycin C Retardation of Corneal Fibroblast Migration via Sustained Dephosphorylation of Paxillin at Tyrosine 118	Investigative Ophthalmology & Visual Science	2011	10.4049/jimmunol.1102267	µ-Slide 8 well	http://www.jimmunol.org/content/early/2011/10/21/jimmunol.1102267.short
1297	S. Evani, R. Prabhu, V. Gnanaruban, E. Finol and A. Ramasubramanian	Monocytes mediate metastatic breast tumor cell adhesion to endothelium under flow	The FASEB Journal	2011	10.1111/j.1471-4159.2011.07492.x	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/j.1471-4159.2011.07492.x/full
1298	V. Koenigs, R. Jennings, T. Vogl, M. Horsthemke, A. Bachg, Y. Xu, K. Grobe, C. Brakebusch, A. Schwab, M. Baehler, U. Knaus and P. Hanley	Mouse macrophages completely lacking Rho (RhoA, RhoB and RhoC) have severe lamellipodial retraction defects, but robust chemotactic navigation and increased motility	Journal of Biological Chemistry	2011	10.3109/02652048.2011.629741	µ-Slide 8 well	http://informahealthcare.com/doi/abs/10.3109/02652048.2011.629741

1299	B. Kemper, J. Wibbeling, L. Kastl, J. Schnekenburger and S. Ketelhut	Multimodal label-free growth and morphology characterization of different cell types in a single culture with quantitative digital holographic phase microscopy	SPIE BiOS	2011	10.1371/journal.pone.0024909	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0024909
1300	A. Klinke, C. Nussbaum, L. Kubala, K. Friedrichs, T. K. Rudolph, V. Rudolph, H.-J. Paust, C. Schroder, D. Benten, D. Lau, K. Szocs, P. G. Furtmuller, P. Heeringa, K. Sydow, H.-J. Duchstein, H. Ehmke, U. Schumacher, T. Meinertz, M. Sperandio and S. Baldus	Myeloperoxidase attracts neutrophils by physical forces	Blood	2011	10.1007/s12079-010-0112-0	µ-Slide 8 well	http://www.springerlink.com/content/g302q718525131u4/fulltext.html
1301	M. Kinugasa, H. Amano, S. Satomi-Kobayashi, K. Nakayama, M. Miyata, Y. Kubo, Y. Nagamatsu, Y. Kurogane, F. Kureha and S. Yamana	Necl-5/Poliovirus Receptor Interacts With VEGFR2 and Regulates VEGF-Induced Angiogenesis	Circulation Research	2011	10.1007/s00418-011-0896-x	µ-Slide 8 well	http://www.springerlink.com/content/a662686227521246/
1302	S. Duhr and D. Braun	Nonlinear Thermophoresis beyond Local Equilibrium Criterion	Arxiv preprint cond-mat/0609554	2011	10.1242/jcs.068254	µ-Slide 8 well	http://jcs.biologists.org/cgi/content/abstract/124/2/216
1303	S. Kotak, C. Busso and P. Gönczy	NuMA interacts with phosphoinositides and links the mitotic spindle with the plasma membrane	The Embo Journal	2011	10.1016/j.exer.2011.12.003	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0014483511004003
1304	C. Huesa, M. H. Helfrich and R. M. Aspden	Parallel-plate fluid flow systems for bone cell stimulation	Journal of Biomechanics	2011	10.1016/j.ijpara.2011.07.010	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0020751911002177
1305	R. Jones, M. Sanchez-Contreras, I. Vlisidou, M. Amos, G. Yang, X. Munoz-Berbel, A. Upadhyay, U. Potter, S. Joyce and T. Ciche	Photorhabdus adhesion modification protein (Pam) binds extracellular polysaccharide and alters bacterial attachment	BMC microbiology	2011	10.1016/j.chembiol.2011.02.010	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S107455211100086X
1306	E. Kakazu, Y. Kondo, T. Kogure, M. Ninomiya, O. Kimura, Y. Ueno and T. Shimosegawa	Plasma amino acids imbalance in cirrhotic patients disturbs the tricarboxylic acid cycle of dendritic cell	Scientific Reports	2011	10.1074/jbc.M111.318915	µ-Slide 8 well	http://www.jbc.org/content/early/2011/12/01/jbc.M111.318915.short

1307	J. Keuschnigg, S. Karinen, K. Auvinen, H. Irjala, J. Mpindi, O. Kallioniemi, S. Hautaniemi, S. Jalkanen and M. Salmi	Plasticity of Blood-and Lymphatic Endothelial Cells and Marker Identification	PLoS ONE	2011	10.1021/bi2013855	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/bi2013855?mi=qryllt&af=R&pageSize=20&searchText=ATP
1308	K. Chereddy, C. Her, M. Comune, C. Moia, A. Lopes and P. Porporato	PLGA nanoparticles loaded with host defense peptide LL37 promote wound healing	Journal of Controlled Release	2011	10.1128/JVI.01999-10	µ-Slide 8 well	http://jvi.asm.org/cgi/content/abstract/JVI.01999-10v1
1309	P. Chen, W. Hubner, M. A. Spinelli and B. K. Chen	Predominant Mode of Human Immunodeficiency Virus Transfer between T Cells Is Mediated by Sustained Env-Dependent Neutralization-Resistant Virological Synapses	Journal of Virology	2011	10.1074/jbc.M110.196022	µ-Slide 8 well	http://www.jbc.org/cgi/content/abstract/286/3/2320
1310	K. Klevanskaa, N. Bier, K. Stingl, E. Strauch and S. Hertwig	PVv3, a new shuttle vector for gene expression in Vibrio vulnificus	Applied and environmental microbiology	2011	10.1128/JVI.01540-10	µ-Slide 8 well	http://jvi.asm.org/cgi/content/abstract/85/8/3821
1311	M. Keller, D. Erdmann, N. Pop, N. Pluym, S. Teng, G. Bernhardt and A. Buschauer	Red-fluorescent argininamide-type NPY Y1 receptor antagonists as pharmacological tools	Bioorganic & Medicinal Chemistry	2011	10.1021/nn203596e	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/nn203596e
1312	R. Komaki, H. Togashi and Y. Takai	Regulation of Dendritic Filopodial Interactions by ZO-1 and Implications for Dendrite Morphogenesis	PloS one	2011	10.1002/eji.201040847	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/eji.201040847/full
1313	S. B. Fonseca, M. P. Pereira, R. Mourtada, M. Gronda, K. L. Horton, R. Hurren, M. D. Minden, A. D. Schimmer and S. O. Kelley	Rerouting Chlorambucil to Mitochondria Combats Drug Deactivation and Resistance in Cancer Cells	Chemistry & Biology	2011	10.1128/AEM.02326-10	µ-Slide 8 well	http://aem.asm.org/cgi/content/abstract/77/3/776
1314	D.-M. Kim, K.-S. Chung, S.-J. Choi, Y.-J. Jung, S.-K. Park, G.-H. Han, J.-S. Ha, K.-B. Song, N.-S. Choi, H.-M. Kim, M. Won and Y.-S. Seo	RhoB induces apoptosis <I>via</I> direct interaction with TNFAIP1 in HeLa cells	International Journal of Cancer	2011	10.1128/JVI.00663-11	µ-Slide 8 well	http://jvi.asm.org/cgi/content/abstract/85/18/9276
1315	A. Kehlen, M. Haegele, K. Menge, K. Gans, U. D. Immel, C. Hoang-Vu, T. Klonisch and H. Demuth	Role of glutaminyl cyclases in thyroid carcinomas	Endocrine-Related Cancer	2011	10.1172/JCI41651	µ-Slide 8 well	http://www.jci.org/articles/view/41651?key=3f33ca571092ff902483

1316	J. Ignatious Raja, N. Katanayeva, V. Katanaev and C. Galizia	Role of Go/i subgroup of G proteins in olfactory signaling of Drosophila melanogaster	European Journal of Neuroscience	2011	10.1002/mabi.201000395	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/mabi.201000395/full
1317	R. Kratchmarov, M. Taylor and L. Enquist	Role of Us9 Phosphorylation in Axonal Sorting and Anterograde Transport of Pseudorabies Virus	PloS one	2011	10.1016/j.ijrobp.2011.06.1956	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0360301611028082
1318	E. Krause, P. Schloss and T. Lau	Self-Sufficient Stem Cells: Stem Cell-Derived Serotonergic Neurons Rely on Endogenous BDNF Release to Establish Serotonergic Networks during Terminal Differentiation	Biochem Pharmacol (Los Angel)	2011	10.1371/journal.pone.0027385	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0027385
1319	N. Kedei, E. Lubart, N. E. Lewin, A. Telek, L. Lim, P. Mannan, S. H. Garfield, M. B. Kraft, G. E. Keck and S. Kolusheva	Some Phorbol Esters Might Partially Resemble Bryostatin 1 in their Actions on LNCaP Prostate Cancer Cells and U937 Leukemia Cells	ChemBioChem	2011	10.1016/j.micinf.2011.09.001	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1286457911002334
1320	K. Kanaya, I. Masaaki, T. Okazaki, T. Nakamura and M. Horii-Komatsu	Sonic Hedgehog signaling regulates vascular differentiation and function in human CD34 positive cells: Vasculogenic CD34+ cells with Sonic Hedgehog	Stem Cell Research	2011	10.1002/cbdv.201000318	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/cbdv.201000318/abstract
1321	R. Irschick, T. Trost, G. Karp, B. Hausott, M. Auer, P. Claus and L. Klimaschewski	Sorting of the FGF receptor 1 in a human glioma cell line	Histochemistry and Cell Biology	2011	10.1038/cddis.2011.46	µ-Slide 8 well	http://www.nature.com/cddis/journal/v2/n6/full/cddis201146a.html
1322	P. M. Kopp, N. Bate, T. M. Hansen, N. P. J. Brindle, U. Praekelt, E. Debrand, S. Coleman, D. Mazzeo, B. T. Goult, A. R. Gingras, C. A. Pritchard, D. R. Critchley and S. J. Monkley	Studies on the morphology and spreading of human endothelial cells define key inter-and intramolecular interactions for talin1	European Journal of Cell Biology	2011	10.1093/carcin/bgq220	µ-Slide 8 well	http://carcin.oxfordjournals.org/cgi/content/abstract/32/1/42
1323	Y. Huang, R. Sramkoski and J. Jacobberger	The Kinetics of G2 and M Transitions Regulated by B Cyclins	PLOS ONE	2011	10.1021/jm101514m	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/jm101514m
1324	H. Kalwa and T. Michel	The MARCKS Protein Plays a Critical Role in Phosphatidylinositol 4,5-Bisphosphate Metabolism and Directed Cell Movement in Vascular Endothelial Cells	J. Biol. Chem.	2011	10.1371/journal.ppat.1002406	µ-Slide 8 well	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1002406
1325	A. Imhaus and G. Duménil	The number of Neisseria meningitidis type IV pili determines host cell interaction	The EMBO Journal	2011	10.1111/j.1476-5381.2011.01309.x	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/j.1476-5381.2011.01309.x/full

1326	T. Karlsson, M. V. Turkina, O. Yakymenko, K. E. Magnusson and E. Vikström	The Pseudomonas aeruginosa N-Acylhomoserine Lactone Quorum Sensing Molecules Target IQGAP1 and Modulate Epithelial Cell Migration	PLoS Pathogens	2011	10.1523/JNEUROSCI.4080-10.2011	µ-Slide 8 well	http://www.jneurosci.org/content/31/8/2756.short
1327	B. Janesch, A. Koerdt, P. Messner and C. Schäffer	The S-Layer Homology Domain-Containing Protein SlhA from Paenibacillus alvei CCM 2051T Is Important for Swarming and Biofilm Formation	PloS one	2011	10.1016/j.chom.2011.10.015	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1931312811003702
1328	R. Bhattacharjee, M. Kaneda, K.-i. Nakahama and b. Rajib Bhattacharjeea, Makoto Kanedaa, Ken-ichi Nakahamaa, Corresponding Author Contact Information, E-mail The Corresponding Author and Ikuo Moritaa, b	The steady-state expression of connexin43 is maintained by the PI3K/Akt in osteoblasts	Biochemical and Biophysical Research Communications	2011		µ-Slide 8 well	http://dx.doi.org/10.1038/ncb2156
1329	S. Alig, Y. Stampnik, J. Pircher, R. Rotter, E. Gaitzsch, A. Ribeiro, M. Wörnle, F. Krötz and H. Mannell	The Tyrosine Phosphatase SHP-1 Regulates Hypoxia Inducible Factor-1alpha (HIF-1alpha) Protein Levels in Endothelial Cells under Hypoxia	PloS one	2011	10.1186/1741-7007-9-38	µ-Slide 8 well	http://www.biomedcentral.com/1741-7007/9/38/abstract/
1330	V. Jyothikumar, E. Tilley, R. Wali and P. Herron	Time lapse microscopy of Streptomyces coelicolor growth and sporulation	Appl. Envir. Microbiol.	2011	10.1371/journal.pone.0017963	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0017963
1331	M. Etzrodt, H. C. F. Ishikawa, J. Dalous, A. Muller-Taubenberger, T. Bretschneider and G. Gerisch	Time-resolved responses to chemoattractant, characteristic of the front and tail of Dictyostelium cells	FEBS Letters	2011	10.1002/jcp.22385	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1002/jcp.22385/full
1332	J. Kauppila, J. Korvala, K. Siirilä, M. Manni, L. Mäkinen, J. Hagström, T. Atula, C. Haglund, K. Selander, J. Saarnio, T. Karttunen, P. Lehenkari and T. Salo	Toll-like receptor 9 mediates invasion and predicts prognosis in squamous cell carcinoma of the mobile tongue	Journal of Oral Pathology & Medicine	2011	10.1371/journal.ppat.1002390	µ-Slide 8 well	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1002390
1333	E. Jacchetti, C. Di Rienzo, S. Meucci, F. Nocchi, F. Beltram and M. Cecchini	Wharton's Jelly human Mesenchymal Stem Cell contact guidance by noisy nanotopographies	Scientific reports	2011	10.1126/scisignal.2001729	µ-Slide 8 well	http://stke.sciencemag.org/cgi/content/abstract/sigtrans;4/201/ra81
1334	V. Krieger, D. Liebl, Y. Zhang, R. Rajashekar, P. Chlanda, K. Giesker, D. Chikkaballi and M. Hensel	Reorganization of the Endosomal System in Salmonella-Infected Cells: The Ultrastructure of Salmonella-Induced Tubular Compartments	PLoS pathogens	2011	10.1093/hmg/ddr346	µ-Slide 8 well, µ-Dish 35 mm	http://hmg.oxfordjournals.org/cgi/content/abstract/ddr346v2

1335	G. Cozza, S. Zanin, S. Sarno, E. Costa, C. Girardi, G. Ribaudo, M. Salvi, G. Zagotto, M. Ruzzene and L. Pinna	Design, validation and efficacy of bi-substrate inhibitors specifically affecting ecto-CK2 kinase activity	Biochemical Journal	2011	10.1038/nmeth.1643	µ-Slide 8 well, µ-Slide I Luer	http://www.nature.com/nmeth/journal/v8/n8/full/nmeth.1643.html
1336	A. Fukui, Y. Naito, O. Handa, M. Kugai, T. Tsuji, H. Yoriki, Y. Qin, S. Adachi, Y. Higashimura and K. Mizushima	Acetyl salicylic acid induces damage to intestinal epithelial cells by oxidation-related modifications of ZO-1	American Journal of Physiology-Gastrointestinal and Liver Physiology	2011	10.1152/ajpgi.00342.2010	µ-Slide Angiogenesis	http://ajpgi.physiology.org/cgi/content/abstract/300/4/G538
1337	E. M. Kugler, G. Mazzuoli, I. E. Demir, G. O. Ceyhan, F. Zeller and M. Schemann	Activity of protease-activated receptors in primary cultured human myenteric neurons	Frontiers in Neuroscience	2011	10.1021/jm201034h	µ-Slide Angiogenesis	http://pubs.acs.org/doi/abs/10.1021/jm201034h?mi=0&af=R&publication=40026035&pageSize=20&prevSearch=small%2Bmolecule%2Bcancer%2Bdrug
1338	Y. Kwon, Y. Chung, J. Kim, H. Lee, J. Park, T. Roh, H. Cho, C. Yoon, B. Koo and H. Kim	Comparative Study of Efficacy of Dopaminergic Neuron Differentiation between Embryonic Stem Cell and Protein-Based Induced Pluripotent Stem Cell	PloS one	2011	10.1007/s11060-010-0273-y	µ-Slide Angiogenesis	http://www.springerlink.com/content/4635150113405316/
1339	J. Kwon, M. Park, J. Kim, H. Lee, M. Kang and J. Park	Epigenetic regulation of the novel tumor suppressor cysteine dioxygenase 1 in esophageal squamous cell carcinoma	Tumor Biology	2011	10.1007/s12079-010-0113-z	µ-Slide Angiogenesis	http://www.springerlink.com/content/kr01610070795x50/
1340	A. Kuzmenkin, H. Liang, G. Xu, K. Pfannkuche, H. Eichhorn, A. Fatima, H. Luo, T. Saric, M. Wernig and R. Jaenisch	Functional characterization of cardiomyocytes derived from murine induced pluripotent stem cells in vitro	FASEB J	2011	10.1016/j.jvs.2011.07.072	µ-Slide Angiogenesis	http://www.sciencedirect.com/science/article/pii/S0741521411018179
1341	S. Kwon, K. Liu and K. Mostov	Intercellular Transfer of GPRC5B via Exosomes Drives HGF-Mediated Outward Growth	Current Biology	2011	10.1161 ATVBAHA 111.237784	µ-Slide Angiogenesis	http://atvb.ahajournals.org/content/early/2011/10/06/ATVBAHA.111.237784.short
1342	P. Kumar, J. Ji, T. Thirkill and G. Douglas	MUC1 Is Expressed by Human Skin Fibroblasts and Plays a Role in Cell Adhesion and Migration	BioResearch Open Access	2011	10.1053/j.gastro.2010.10.012	µ-Slide Angiogenesis	http://www.sciencedirect.com/science/article/pii/S0016508510015003
1343	J. Lacoste, C. Vining, D. Zuo, A. Spurmanis and C. M. Brown	Optimal Conditions for Live Cell Microscopy and Raster Image Correlation Spectroscopy	Reviews in Fluorescence 2010	2011		µ-Slide Angiogenesis	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3282076/

1344	K. Kronenberger, P. G. Moore, K. Halcrow and F. Vollrath	Spinning a Marine Silk for the Purpose of Tube-Building	Journal of Crustacean Biology	2011	10.1038/onc.2011.512	µ-Slide Angiogenesis	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2011512a.html
1345	K. Krüger, F. Cossais, H. Neve and M. Klempt	Titanium dioxide nanoparticles activate IL8-related inflammatory pathways in human colonic epithelial Caco-2 cells	Journal of Nanoparticle Research	2011	10.1371/journal.pone.0020164	µ-Slide Angiogenesis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0020164
1346	A. Chao, C. Y. Lin, Y. S. Lee, C. L. Tsai, P. C. Wei, S. Hsueh, T. I. Wu, C. N. Tsai, C. J. Wang and A. S. Chao	Regulation of ovarian cancer progression by microRNA-187 through targeting Disabled homolog-2	Oncogene	2011	10.1371/journal.pone.0028359	µ-Slide Chemotaxis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0028359
1347	P. Gavazzo, S. Vella, C. Marchetti, M. Nizzari, R. Cancedda and A. Pagano	Acquisition of neuron-like electrophysiological properties in neuroblastoma cells by controlled expression of NDM29 ncRNA	Journal of Neurochemistry	2011	10.1126/scisignal.2002221	µ-Slide Chemotaxis 2D	http://stke.sciencemag.org/cgi/content/abstract/sigtrans;4/191/ra60
1348	G. Lättig-Tünnemann, M. Prinz, D. Hoffmann, J. Behlke, C. Palm-Apergi, I. Morano, H. D. Herce and M. C. Cardoso	Backbone Rigidity and Static Presentation of Guanidinium Groups Increases Cellular Uptake of Arginine-Rich Cell-Penetrating Peptides	Nature Communications	2011	10.1074/jbc.M110.189811	µ-Slide Chemotaxis 2D	http://www.jbc.org/cgi/content/abstract/286/21/18492
1349	E. V. Langemeijer, E. Slinger, S. de Munnik, A. Schreiber, D. Maussang, H. Vischer, F. Verkaar, R. Leurs, M. Siderius and M. J. Smit	Constitutive beta-Catenin Signaling by the Viral Chemokine Receptor US28	PLoS ONE	2011	10.4049/jimmunol.1004073	µ-Slide Chemotaxis 2D	http://jimmunol.org/content/early/2011/11/23/jimmunol.1004073.abstract
1350	M. Laschi, G. Bernardini, M. Geminiani, L. Ghezzi, L. Amato, D. Braconi, L. Millucci, B. Frediani, A. Spreafico, A. Franchi, D. Campanacci, R. Capanna and A. Santucci	Establishment of Four New Human Primary Cell Cultures from Chemo-Naïve Italian Osteosarcoma Patients	Journal of Cellular Physiology	2011	10.4049/jimmunol.1002350	µ-Slide Chemotaxis 2D	http://www.jimmunol.org/cgi/content/abstract/186/8/4936
1351	K. Lang, L. Davis, J. Torres-Kolbus, C. Chou, A. Deiters and J. W. Chin	Genetically encoded norbornene directs site-specific cellular protein labelling via a rapid bioorthogonal reaction	Nature Chemistry	2011	10.1016/j.resmic.2011.03.001	µ-Slide Chemotaxis 2D	http://www.sciencedirect.com/science/article/pii/S0923250811000350
1352	C. Larochelle, R. Cayrol, H. Kebir, J. I. Alvarez, M. A. Lecuyer, I. Ifergan, E. Viel, L. Bourbonniere, D. Beauseigle and S. Terouz	Melanoma cell adhesion molecule identifies encephalitogenic T lymphocytes and promotes their recruitment to the central nervous system	Brain	2011	10.1007/s00424-010-0901-6	µ-Slide Chemotaxis 2D	http://www.springerlink.com/content/k74508860m46461j/

1353	S. Fakih, M. Podinovskaia, X. Kong, U. E. Schaible, H. L. Collins and R. C. Hider	Monitoring intracellular labile iron pools: A novel fluorescent iron (III) sensor as a potential non-invasive diagnosis tool Dedicated to Professor Bernt Krebs on the occasion of his 70th birthday. Sarah Fakih and Maria Podinovskaia contributed equally to this work	Journal of Pharmaceutical Sciences	2011	10.1523/JNEUROSCI.3825-10.2011	µ-Slide Chemotaxis 2D	http://www.jneurosci.org/cgi/content/abstract/31/13/4858
1354	L. Cevenini, G. Camarda, E. Michelini, G. Siciliano, M. Calabretta, R. Bona, T. R. S. Kumar, A. Cara, B. Branchini, D. Fidock, A. Roda and P. Alano	Multicolor Bioluminescence Boosts Malaria Research: Quantitative Dual-Color Assay and Single-Cell Imaging in Plasmodium falciparum Parasites	Analytical Chemistry	2011	10.1083/jcb.201011038	µ-Slide Chemotaxis 2D	http://jcb.rupress.org/content/193/4/655.short
1355	D. Lauster, O. Vazquez, R. Schwarzer, O. Seitz and A. Herrmann	Potential of Proapoptotic Peptides to Induce the Formation of Giant Plasma Membrane Vesicles with Lipid Domains	ChemBioChem	2011	10.1111/j.1538-7836.2010.04119.x	µ-Slide Chemotaxis 2D	http://dx.doi.org/10.1111/j.1538-7836.2010.04119.x
1356	T. Latire, F. Legendre, N. Bigot, L. Carduner, S. Kellouche, M. Bouyoucef, F. Carreiras, F. Marin, J. Lebel and P. Galéra	Shell Extracts from the Marine Bivalve Pecten maximus Regulate the Synthesis of Extracellular Matrix in Primary Cultured Human Skin Fibroblasts	PLOS ONE	2011	10.1074/jbc.M110.189811	µ-Slide Chemotaxis 2D	http://www.jbc.org/content/early/2011/03/26/jbc.M110.189811.abstract
1357	A. Burk, C. Monzel, H. Yoshikawa, P. Wuchter, R. Saffrich, V. Eckstein, M. Tanaka and A. Ho	Quantifying Adhesion Mechanisms and Dynamics of Human Hematopoietic Stem and Progenitor Cells	Sci. Rep.	2011	10.4049/jimmunol.1003461	µ-Slide Chemotaxis 3D	http://www.jimmunol.org/cgi/content/abstract/186/9/5345
1358	L. Lee, S. Ng, J. Chu, R. Sekar, K. Harikumar, L. Miller and B. Chow	Transmembrane peptides as unique tools to demonstrate the in vivo action of a cross-class GPCR heterocomplex	The FASEB Journal	2011	10.1007/s00203-011-0734-5	µ-Slide I	http://link.springer.com/article/10.1007%2Fs00203-011-0734-5?LI=true
1359	M. A. D'Angelo, J. S. Gomez-Cavazos, A. Mei, D. H. Lackner and M. W. Hetzer	A change in nuclear pore complex composition regulates cell differentiation	Developmental Cell	2011	10.1126/science.1200729	µ-Slide I Luer	http://www.sciencemag.org/content/331/6018/778.abstract
1360	F. Li, X. Yu, C. Szynkarski, C. Meng, B. Zhou, R. Barhoumi, R. White, C. Heaps, J. Stallone and G. Han	Activation of GPER Induces Differentiation and Inhibition of Coronary Artery Smooth Muscle Cell Proliferation	PLoS ONE	2011	10.1371/journal.pone.0017179	µ-Slide I Luer	http://dx.doi.org/10.1371%2Fjournal.pone.0017179
1361	E. Levy-Apter, E. Finkelshtein, V. Vemulapalli, S. Li, M. Bedford and A. Elson	Adaptor Protein GRB2 Promotes Src Tyrosine Kinase Activation and Podosomal Organization by Protein-tyrosine Phosphatase ? in Osteoclasts	Journal of Biological Chemistry	2011	10.3109/14653249.2011.571246	µ-Slide I Luer	http://informahealthcare.com/doi/abs/10.3109/14653249.2011.571246

1362	J. Lenzi, R. De Santis, V. de Turris, M. Morlando, P. Laneve, A. Calvo, V. Caliendo, A. Chiò, A. Rosa and I. Bozzoni	ALS mutant FUS proteins are recruited into stress granules in induced Pluripotent Stem Cells (iPSCs) derived motoneurons	Disease Models & Mechanisms	2011	10.1039/C0SM00962H	µ-Slide I Luer	http://pubs.rsc.org/en/Content/ArticleLanding/2011/SM/c0sm00962h
1363	A. Assinger, Y. Wang, L. Butler, G.-. Hansson, Z. Yan, C. Söderberg-Nauclér and D. Ketelhuth	Apolipoprotein B100 danger-associated signal 1 (ApoBDS-1) triggers platelet activation and boosts platelet-leukocyte proinflammatory responses	Thromb Haemost	2011	10.1111/j.1538-7836.2011.04235.x	µ-Slide I Luer	http://onlinelibrary.wiley.com/doi/10.1111/j.1538-7836.2011.04235.x/abstract
1364	M. Leisner, K. Stingl, J. O. Rädler and B. Maier	Basal expression rate of comK sets a switching-window into the K-state of Bacillus subtilis	Molecular Microbiology	2011	10.1016/j.ultrasmedbio.2011.09.007 |	µ-Slide I Luer	http://www.sciencedirect.com/science/article/pii/S0301562911013615
1365	M. Leick, J. Catusse, M. Follo, R. J. Nibbs, T. N. Hartmann, H. Veelken and M. Burger	CCL19 is a specific ligand of the constitutively recycling atypical human chemokine receptor CRAM-B	Immunology	2011	10.1016/j.ultrasmedbio.2011.07.001	µ-Slide I Luer	http://www.sciencedirect.com/science/article/pii/S030156291101221X
1366	C. Leeb, C. Eresheim and J. Nimpf	Clusterin Is a Ligand for Apolipoprotein E Receptor 2 (ApoER2) and Very Low Density Lipoprotein Receptor (VLDLR) and Signals via the Reelin-signaling Pathway	Journal of Biological Chemistry	2011	10.1111/j.1538-7836.2011.04476.x	µ-Slide I Luer	http://onlinelibrary.wiley.com/doi/10.1111/j.1538-7836.2011.04476.x/full
1367	T. Leung, R. Rajendran, S. Singh, R. Garva, M. Krstic-Demonacos and C. Demonacos	Cytochrome P450 E1 (CYP2E1) regulates the response to oxidative stress and migration of breast cancer cells	Breast Cancer Research	2011	10.1186/1471-2121-12-4	µ-Slide I Luer	http://www.biomedcentral.com/1471-2121/12/4/abstract/
1368	S. Lehn, N. P. Tobin, P. Berglund, K. Nilsson, A. H. Sims, K. Jirstrom, P. Harkonen, R. Lamb and G. Landberg	Down-Regulation of the Oncogene Cyclin D1 Increases Migratory Capacity in Breast Cancer and Is Linked to Unfavorable Prognostic Features	American Journal of Pathology	2011	10.1182/blood-2010-11-321489	µ-Slide I Luer	http://bloodjournal.hematologylibrary.org/content/118/15/4265.short
1369	M. Lehmann, M. Hoffmann, A. Koch, S. Ulrich, W. Schulz and G. Niegisch	Histone deacetylase 8 is deregulated in urothelial cancer but not a target for efficient treatment	Journal of Experimental & Clinical Cancer Research	2011	10.1371/journal.pone.0025663	µ-Slide I Luer	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0025663
1370	K. R. Legate, S. Takahashi, N. Bonakdar, B. Fabry, D. Boettiger, R. Zent and R. Fässler	Integrin adhesion and force coupling are independently regulated by localized PtdIns (4, 5) 2 synthesis	The EMBO Journal	2011	10.1182/blood-2011-05-355354	µ-Slide I Luer	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/118/22/5947

1371	T. Dang, W. Wong, S. Ong, P. Li, J. Lum, J. Chen, M. Poidinger, F. Zolezzi and S. Wong	MicroRNA expression profiling of human blood monocyte subsets highlights functional differences	Immunology	2011	10.4049/?jimmunol.1100299	µ-Slide I Luer	http://www.jimmunol.org/content/early/2011/06/29/jimmunol.1100299.short
1372	M. Leslie	MLCK stops cells from going full frontal	The Journal of Cell Biology	2011	10.1021/cn200022m	µ-Slide I Luer	http://pubs.acs.org/doi/abs/10.1021/cn200022m?mi=th9lw0&af=R&pageSize=20&prevSearch=%2528multimoda*%2BAND%2Bimaging%2529%2BNOT%2B%255Batype%253A%2Bad%255D%2BNOT%2B%255Batype%253A%2Bacs-toc%255D&searchText=multimoda*+AND+imaging&sortBy=edate
1373	J. Leedale, A. Herrmann, J. Bagnall, A. Fercher, D. Papkovsky, V. Sée and R. Bearon	Modeling the dynamics of hypoxia inducible factor-1alpha (HIF-1alpha) within single cells and 3D cell culture systems	Mathematical Biosciences	2011	10.1073/pnas.1018262108	µ-Slide I Luer	http://www.pnas.org/cgi/content/abstract/1018262108v1
1374	Z. Darwich, A. Klymchenko and Y. Mély	Monitoring Membrane Properties and Apoptosis Using Membrane Probes of the 3-Hydroxyflavone Family	Fluorescence Spectroscopy and Microscopy	2011	10.1016/j.yjmcc.2011.03.012	µ-Slide I Luer	http://www.sciencedirect.com/science/article/pii/S0022282811001246
1375	A. Csiszar, N. Hersch, S. Dieluweit, R. Biehl, R. Merkel and B. Hoffmann	Novel fusogenic liposomes for fluorescent cell labeling and membrane modification	Bioconjugate chemistry	2011	10.1369/0022155411416007	µ-Slide I Luer	http://jhc.sagepub.com/cgi/content/abstract/59/9/813
1376	J. Li, B. Hou, S. Tumova, K. Muraki, A. Bruns and M. Ludlow	Piezo1 integration of vascular architecture with physiological force	Nature	2011	10.1016/j.ejcts.2011.01.076	µ-Slide I Luer	http://ejcts.ctsnetjournals.org/cgi/content/abstract/40/5/1241
1377	F. Chmilewsky, C. Jeanneau, P. Laurent and I. About	Pulp Fibroblasts Synthesize Functional Complement Proteins Involved in Initiating Dentin–Pulp Regeneration	The American Journal of Pathology	2011	10.1002/jcp.22655	µ-Slide I Luer	http://onlinelibrary.wiley.com/doi/10.1002/jcp.22655/abstract
1378	S. Leone, T. Cornetta, E. Basso and R. Cozzi	Resveratrol induces DNA double-strand breaks through human topoisomerase II interaction	Cancer Letters	2011	10.1039/C1SM06072D	µ-Slide I Luer	http://pubs.rsc.org/en/content/articlelanding/2011/sm/c1sm06072d
1379	E. Anitua, M. Troya, M. Zalduendo and G. Orive	The effect of different drugs on the preparation and biological outcomes of plasma rich in growth factors	Annals of Anatomy - Anatomischer Anzeiger	2011	10.1182/blood-2011-02-337188	µ-Slide I Luer	http://bloodjournal.hematologylibrary.org/content/early/2011/11/04/blood-2011-02-337188.short?rss=1

1380	I. Leonhardt, S. Spielberg, M. Weber, D. Albrecht-Eckardt, M. Bläss, R. Claus, D. Barz, K. Scherlach, C. Hertweck, J. Löffler, K. Hünniger and O. Kurzai	The Fungal Quorum-Sensing Molecule Farnesol Activates Innate Immune Cells but Suppresses Cellular Adaptive Immunity	mBio	2011	10.3174/ajnr.A2656	µ-Slide I Luer	http://www.ajnr.org/cgi/content/abstract/32/10/1830
1381	A. Levine, M. Duchen and A. Segal	The HVCN1 channel conducts protons into the phagocytic vacuole of neutrophils to produce a physiologically alkaline pH	bioRxiv	2011	10.1111/j.1538-7836.2011.04492.x	µ-Slide I Luer	http://onlinelibrary.wiley.com/doi/10.1111/j.1538-7836.2011.04492.x/full
1382	Y. Li, Z. Zhang, H. P. van Leeuwen, M. A. C. Stuart, W. Norde and J. M. Kleijn	Uptake and release kinetics of lysozyme in and from an oxidized starch polymer microgel	Soft Matter	2011	10.1039/C1CC11440A	µ-Slide I Luer electrode	http://pubs.rsc.org/en/Content/ArticleLanding/2011/CC/c1cc11440a
1383	Z. Li, M. H. Kwok and T. Ngai	Preparation of Responsive Micrometer-Sized Microgel Particles with a Highly Functionalized Shell	Macromolecular Rapid Communications	2011	10.1074/jbc.M111.289793	µ-Slide I Luer, µ-Slide Chemotaxis 2D	http://www.jbc.org/content/early/2011/11/03/jbc.M111.289793.short
1384	J. Liang, M. J. McLachlan and H. Zhao	Orthogonal control of endogenous gene expression in mammalian cells using synthetic ligands	Biotechnology and Bioengineering	2011		µ-Slide I Luer, Sticky-Slide I Luer	http://bloodjournal.hematologylibrary.org/content/117/18/4999.long
1385	Y. Liao, Y. Tzeng, H. Hung and G. Liu	Dibenzoylmethane, hydroxydibenzoylmethane and hydroxymethyldibenzoylmethane inhibit phorbol-12-myristate 13-acetate-induced breast carcinoma cell invasion	Molecular medicine reports	2011	10.1371/journal.pone.0026025	µ-Slide III 0.1, µ-Slide I Luer 0.1	http://dx.doi.org/10.1371%2Fjournal.pone.0026025
1386	J. Lieber, V. Ellerkamp, F. Vogt, J. Wenz, S. Warmann, J. Fuchs and S. Armeanu-Ebinger	BH3-mimetic drugs prevent tumour onset in an orthotopic mouse model of hepatoblastoma	Experimental cell research	2011	10.1073/pnas.1014853108	µ-Slide III 3in1	http://www.pnas.org/content/early/2011/06/24/1014853108.short
1387	S. S. Lienkamp, K. Liu, C. M. Karner, T. J. Carroll, O. Ronneberger, J. B. Wallingford and G. Walz	Vertebrate kidney tubules elongate using a planar cell polarity-dependent, rosette-based mechanism of convergent extension	Nature Genetics	2011	10.1182/blood-2010-10-310409	µ-Slide VI 0.1	http://bloodjournal.hematologylibrary.org/content/117/18/4964
1388	T. Das, K. Safferling, S. Rausch, N. Grabe, H. Boehm and J. Spatz	A molecular mechanotransduction pathway regulates collective migration of epithelial cells	Nat Cell Biol	2011	10.1128/JVI.00021-11	µ-slide VI 0.4	http://jvi.asm.org/content/85/14/7321.abstract

1389	K. Madela, S. Banhart, A. Zimmermann, J. Piesker, N. Bannert and M. Laue	A simple procedure to analyze positions of interest in infectious cell cultures by correlative light and electron microscopy	Methods in cell biology	2011	10.1161/ATVBAHA.111.236786	µ-Slide VI 0.4	http://atvb.ahajournals.org/cgi/content/abstract/31/12/3004
1390	M. MacPherson, H. S. Lek, A. Prescott and S. C. Fagerholm	A systemic lupus erythematosus-associated R77H substitution in the CD11b-chain of Mac-1 integrin compromises leukocyte adhesion and phagocytosis	Journal of Biological Chemistry	2011	10.1182/blood-2011-03-343293	µ-Slide VI 0.4	http://bloodjournal.hematologylibrary.org/content/118/18/5050
1391	J. Liu, L. Chang, F. Roselli, O. F. X. Almeida, X. Gao, X. Wang, D. T. Yew and Y. Wu	Amyloid- Induces Caspase-Dependent Loss of PSD-95 and Synaptophysin Through NMDA Receptors	Journal of Alzheimer's Disease	2011	10.1182/blood-2010-12-322859	µ-Slide VI 0.4	http://bloodjournal.hematologylibrary.org/content/117/26/7042.abstract?sid=6160a474-55e9-4b56-b512-c2d521fe9434
1392	A. Lorentzen, J. Bamber, A. Sadok, I. Elson-Schwab and C. J. Marshall	An ezrin-rich, rigid uropod-like structure directs movement of amoeboid blebbing cells	J. Cell Sci.	2011	10.1038/nn.2756	µ-Slide VI 0.4	http://www.nature.com/neuro/journal/vaop/ncurrent/full/nn.2756.html
1393	S. Coffey, R. Giedt and R. Weissleder	Automated analysis of clonal cancer cells by intravital imaging	Intravital (Print)	2011	10.1038/cdd.2010.181	µ-Slide VI 0.4	http://www.nature.com/cdd/journal/vaop/ncurrent/full/cdd2010181a.html
1394	S. Davis, K. Lee, M. Gillrie, L. Roa, M. Amrein and M. Ho	CD36 Recruits alpha-5-beta-1 Integrin to Promote Cytoadherence of P. falciparum-Infected Erythrocytes	PLoS pathogens	2011	10.3791/3241	µ-Slide VI 0.4	http://www.jove.com/video/3241/introducing-shear-stress-in-the-study-of-bacterial-adhesion?id=3241
1395	S. Lotteau, S. Ducreux, C. Romestaing, C. Legrand and F. Van Coppenolle	Characterization of Functional TRPV1 Channels in the Sarcoplasmic Reticulum of Mouse Skeletal Muscle	PloS one	2011	10.1111/j.1462-5822.2011.01711.x	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1111/j.1462-5822.2011.01711.x/abstract
1396	J. Maia, T. Santos, S. Aday, F. Agasse, L. Cortes, J. O. Malva, L. Bernardino and L. Ferreira	Controlling the Neuronal Differentiation of Stem Cells by the Intracellular Delivery of Retinoic Acid-Loaded Nanoparticles	ACS nano	2011	10.1371/journal.pone.0029256	µ-Slide VI 0.4	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0029256
1397	O. Davies, J. Forment, M. Sun, R. Belotserkovskaya, J. Coates, Y. Galanty, M. Demir and C. Morton	CtIP tetramer assembly is required for DNA-end resection and repair	Nat Struct Mol Biol	2011	10.1016/j.biomaterials.2010.09.014	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S014296121001166X
1398	M. Mahmoud, R. Kim, A. de Luca, I. Gauci, S. Hsiao and P. Evans	Disturbed Flow Promotes Endothelial Cell Injury Via the Induction of Developmental Genes	Heart	2011	10.1021/es201649k	µ-Slide VI 0.4	http://pubs.acs.org/doi/abs/10.1021/es201649k?mi=0&af=R&pageSize=20&searchText=colloid+porous+media
1399	S. Coelho, S. Rocha, M. Pereira, P. Juzenas and M. Coelho	Enhancing Proteasome-Inhibitor Effect by Functionalized Gold Nanoparticles	Journal of Biomedical Nanotechnology	2011	10.1182/blood-2010-05-285973	µ-Slide VI 0.4	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/117/1/333

1400	D. Broqures-You, C. Lere-Dean, T. Merkulova-Rainon, C. S. Mantsounga, D. Allanic, P. Hainaud, J. O. Contreres, Y. Wang, J. Vilar and M. Virally	Ephrin-B2â€“Activated Peripheral Blood Mononuclear Cells From Diabetic Patients Restore Diabetes-Induced Impairment of Postischemic Neovascularization	Diabetes	2011	10.1128/IAI.01048-10	µ-Slide VI 0.4	http://iai.asm.org/cgi/content/abstract/IAI.01048-10v1
1401	M. Ma and M. Baumgartner	Filopodia and Membrane Blebs Drive Efficient Matrix Invasion of Macrophages Transformed by the Intracellular Parasite Theileria annulata	PLoS ONE	2011	10.1186/1471-2202-12-116	µ-Slide VI 0.4	http://www.biomedcentral.com/1471-2202/12/116/
1402	K. Furrer, A. Rickenbacher, Y. Tian, W. Jochum, A. G. Bittermann, A. Kach, B. Humar, R. Graf, W. Moritz and P.-A. Clavien	From the Cover: Serotonin reverts age-related capillarization and failure of regeneration in the liver through a VEGF-dependent pathway	PNAS	2011	10.1182/blood-2011-03-339572	µ-Slide VI 0.4	http://bloodjournal.hematologylibrary.org/content/118/14/3942.short
1403	Y.-T. Lin, Y.-H. Chen, Y.-H. Yang, H.-C. Jao, Y. Abiko, K. Yokoyama and C. Hsu	Heme Oxygenase-1 Suppresses the Infiltration of Neutrophils in Rat Liver During Sepsis Through Inactivation of P38 Mapk	Shock	2011	10.1128/AEM.02941-10	µ-Slide VI 0.4	http://aem.asm.org/cgi/content/abstract/AEM.02941-10v1
1404	E. Lukianova-Hleb, K. Campbell, P. Constantinou, J. Braam, J. Olson, R. Ware, D. Sullivan and D. Lapotko	Hemozoin-generated vapor nanobubbles for transdermal reagent- and needle-free detection of malaria	Proceedings of the National Academy of Sciences	2011	10.1007/s00395-011-0233-5	µ-Slide VI 0.4	http://www.springerlink.com/content/r17272418h360524/fulltext.html
1405	D. Belair, J. Whisler, J. Valdez, J. Velazquez, J. Molenda and V. Vickerman	Human Vascular Tissue Models Formed from Human Induced Pluripotent Stem Cell Derived Endothelial Cells	Stem Cell Reviews and Reports	2011	10.1128/JVI.01635-10	µ-Slide VI 0.4	http://jvi.asm.org/cgi/content/abstract/85/3/1224
1406	V. Chaar, S. Laurance, C. Lapoumeroulie, S. Cochet, M. De Grandis, Y. Colin, J. Elion, C. Le Van Kim and W. El Nemer	Hydroxycarbamide decreases sickle reticulocyte adhesion to resting endothelium by inhibiting endothelial Lu/BCAM through phosphodiesterase 4A activation	Journal of Biological Chemistry	2011	10.1016/j.atherosclerosis.2011.01.037	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/B6T12-5236RFT-4/2/afa79a04e1a11dc2fe9d4870c0c93381
1407	C. Lin, P. Chen, L. Hsu, D. Kuo, S. Chu and Y. Hsieh	Inhibition of the invasion and migration of renal carcinoma 786-o-si3 cells in vitro and in vivo by Koelreuteria formosana extract	Molecular medicine reports	2011	10.1128/mBio.00175-11	µ-Slide VI 0.4	http://mbio.asm.org/cgi/content/abstract/2/4/e00175-11
1408	P. J. MacMahon, M. J. Shelly, D. Scholz, S. J. Eustace and E. C. Kavanagh	Injectable Corticosteroid Preparations: An Embolic Risk Assessment by Static and Dynamic Microscopic Analysis	AJNR Am. J. Neuroradiol.	2011	10.1371/journal.pone.0025299	µ-Slide VI 0.4	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0025299

1409	G. W. G. Luxton, E. R. Gomes, E. S. Folker, E. Vintinner and G. G. Gundersen	Linear Arrays of Nuclear Envelope Proteins Harness Retrograde Actin Flow for Nuclear Movement	Science	2011	10.1128/IAI.01309-10	µ-Slide VI 0.4	http://iai.asm.org/content/79/7/2544.abstract
1410	M. Lynge, M. Fernandez-Medina, A. Postma and B. Städler	Liposomal Drug Deposits in Poly(Dopamine) Coatings: Effect of Their Composition, Cell Type, Uptake Pathway Considerations, and Shear Stress	Macromolecular Bioscience	2011		µ-Slide VI 0.4	http://www.karger.com/DOI/10.1159/000331206
1411	L. Mac-Daniel, M. Buckwalter, M. Berthet, Y. Virk, K. Yui, M. Albert, P. Gueirard and R. Ménard	Local Immune Response to Injection of Plasmodium Sporozoites into the Skin	The Journal of Immunology	2011	10.1083/jcb.201006089	µ-Slide VI 0.4	http://jcb.rupress.org/cgi/content/abstract/194/4/581
1412	B. Burkhardt, J. Martinez-Sanchez, A. Bachmann, R. Ladurner and A. Nüssler	Long-term culture of primary hepatocytes: new matrices and microfluidic devices	Hepatology International	2011	10.1074/jbc.M110.189258	µ-Slide VI 0.4	http://www.jbc.org/content/early/2011/02/14/jbc.M110.189258.abstract
1413	E. Lukianova-Hleb and D. Lapotko	Malaria Theranostics using Hemozoin-Generated Vapor Nanobubbles		2011	10.1128/IAI.05837-11	µ-Slide VI 0.4	http://iai.asm.org/content/early/2011/11/04/IAI.05837-11.short
1414	C. Longstaff, I. Varju, P. Sotonyi, L. Szabo, M. Krumrey, A. Hoell, A. Bota, Z. Varga, E. Komorowicz and K. Kolev	Mechanical Stability and Fibrinolytic Resistance of Clots Containing Fibrin, DNA and Histones	Journal of Biological Chemistry	2011	10.4049/jimmunol.1100833	µ-Slide VI 0.4	http://www.jimmunol.org/cgi/content/abstract/187/5/2067
1415	L. D'Auria, M. Fenaux, P. Aleksandrowicz, P. Van Der Smissen, C. Chantrain, C. Vermylen, M. Vikkula, P. Courtoy and D. Tyteca	Micrometric segregation of fluorescent membrane lipids: relevance for endogenous lipids and biogenesis in erythrocytes	Journal of lipid research	2011	10.1074/jbc.M110.162156	µ-Slide VI 0.4	http://www.jbc.org/content/286/19/17303
1416	M. Mahmoud, R. Kim, A. De Luca, I. Gauci, S. Hsiao and P. Evans	P470Disturbed flow promotes endothelial cell injury via the induction of developmental genes	Cardiovascular Research	2011	10.1021/ja107532q	µ-Slide VI 0.4	http://pubs.acs.org/doi/abs/10.1021/ja107532q
1417	K. Czakai, K. Müller, P. Mosesso, G. Pepe, M. Schulze, A. Gohla, D. Patnaik, W. Dekant, J. M. G. Higgins and A. Mally	Perturbation of Mitosis Through Inhibition of Histone Acetyltransferases: the Key to Ochratoxin A Toxicity and Carcinogenicity?	Toxicological Sciences	2011	10.1007/s12195-010-0156-5	µ-Slide VI 0.4	http://www.springerlink.com/content/h26xn221k8513333/
1418	S. P. Davis, M. Amrein, M. R. Gillrie, K. Lee, D. A. Muruve and M. Ho	Plasmodium falciparum-induced CD36 clustering rapidly strengthens cytoadherence via p130CAS-mediated actin cytoskeletal rearrangement	The FASEB Journal	2011	10.1002/mabi.201100051	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1002/mabi.201100051/full

1419	E. Y. Lukianova-Hleb, X. Ren, D. Townley, X. Wu, M. E. Kupferman and D. O. Lapotko	Plasmonic Nanobubbles Rapidly Detect and Destroy Drug-Resistant Tumors	Theranostics	2011	10.1039/c0ib00071j	µ-Slide VI 0.4	http://pubs.rsc.org/en/Content/ArticleLanding/2011/IB/c0ib00071j
1420	I. Cicha, K. Beronov, E. L. Ramirez, K. Osterode, M. Goppelt-Struebe, D. Raaz, A. Yilmaz, W. G. Daniel and C. D. Garlichs	Shear Stress Preconditioning Modulates Endothelial Susceptibility to Circulating TNF-[alpha] and Monocytic Cell Recruitment in a Simplified Model of Arterial Bifurcations.	Atherosclerosis	2011	10.1002/eji.201040760	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1002/eji.201040760/full
1421	B. Maier, M. Kirsch, S. Anderhub, H. Zentgraf and A. Krämer	The novel actin/focal adhesion-associated protein MISP is involved in mitotic spindle positioning in human cells	Cell Cycle	2011	10.1016/j.jvs.2011.02.061	µ-Slide VI 0.4	http://www.ncbi.nlm.nih.gov/pubmed/21620624
1422	M. Costanzo, S. Abounit, L. Marzo, A. Danckaert, Z. Chamoun, P. Roux and C. Zurzolo	Transfer of polyglutamine aggregates in neuronal cells occurs in tunneling nanotubes	Journal of cell science	2011	10.1096/fj.11-196923	µ-Slide VI 0.4	http://www.fasebj.org/content/early/2011/11/20/fj.11-196923.short
1423	E. Y. Lukianova-Hleb, E. Sassaroli, A. Jones and D. O. Lapotko	Transient photothermal spectra of plasmonic nanobubbles	Langmuir	2011	10.1242/jcs.074849	µ-Slide VI 0.4	http://jcs.biologists.org/cgi/content/abstract/124/8/1256
1424	S. Löffek, T. Hurskainen, J. Jackow, F. Sigloch, O. Schilling, K. Tasanen, L. Bruckner-Tuderman and C. Franzke	Transmembrane Collagen XVII Modulates Integrin Dependent Keratinocyte Migration via PI3K/Rac1 Signaling	PLOS ONE	2011	10.1074/jbc.M111.308858	µ-Slide VI 0.4	http://www.jbc.org/content/early/2011/10/25/jbc.M111.308858.short
1425	M. Malinen, L. Kanninen, A. Corlu, H. Isoniemi, Y. Lou, M. Yliperttula and A. Urtti	Differentiation of liver progenitor cell line to functional organotypic cultures in 3D nanofibrillar cellulose and hyaluronan-gelatin hydrogels	Biomaterials	2011	10.1093/nar/gkr435	µ-Slide VI 0.4, Grid-500	http://nar.oxfordjournals.org/content/39/19/8445.short
1426	K. Dichtl, C. Helmschrott, F. Dirr and J. Wagener	Deciphering cell wall integrity signalling in Aspergillus fumigatus: identification and functional characterization of cell wall stress sensors and relevant Rho GTPases	Molecular Microbiology	2011	10.1371/journal.pone.0017755	µ-Slide VI flat	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0017755
1427	O. Maniti, E. Blanchard, G. Trugnan, A. Lamaziere and J. Ayala-Sanmartin	Metabolic energy-independent mechanism of internalization for the cell penetrating peptide penetratin	The International Journal of Biochemistry & Cell Biology	2011		µ-Slide y-shaped	http://www.sciencedirect.com/science/article/pii/S0021915011009518

1428	M. Manukyan and P. Singh	Epigenome rejuvenation: HP1-beta mobility as a measure of pluripotent and senescent chromatin ground states	Scientific Reports	2011	10.1021/bc200324q	12 Well Chamber removable	http://pubs.acs.org/doi/abs/10.1021/bc200324q
1429	J. Brown, T. Santra, P. Owens and F. Barry	Primary cilium-associated genes mediate bone marrow stromal cell response to hypoxia	Stem Cell Research	2011	10.1039/C0PP00359J	12 Well Chamber removable	http://pubs.rsc.org/en/Content/ArticleLanding/2011/PP/c0pp00359j
1430	A. Marki, E. Ermilov, A. Zakrzewicz, A. Koller, T. Secomb and A. Pries	Tracking of fluorescence nanoparticles with nanometre resolution in a biological system: assessing local viscosity and microrheology	Biomechanics and modeling in mechanobiology	2011	10.1258/ebm.2011.011186	12 Well Chamber removable, µ-Slide 8 well	http://ebm.rsmjournals.com/cgi/content/abstract/236/12/1402
1431	K. N. Markvicheva, D. S. Bilan, N. M. Mishina, A. Y. Gorokhovatsky, L. M. Vinokurov, S. Lukyanov and V. V. Belousov	A genetically encoded sensor for H2O2 with expanded dynamic range	Bioorganic & Medicinal Chemistry	2011	10.1016/j.ceca.2011.08.001	Cover Slip	http://www.sciencedirect.com/science/article/pii/S0143416011001527
1432	E. Mazari, X. Zhao, I. Migeotte, J. Collignon, C. Gosse and A. Perea-Gomez	A microdevice to locally electroporate embryos with high efficiency and reduced cell damage	Development	2011	10.1002/jbmr.343	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1002/jbmr.343/abstract
1433	K. Melican, P. Veloso, T. Martin, P. Bruneval and G. Duménil	Adhesion of Neisseria meningitidis to dermal vessels leads to local vascular damage and purpura in a humanized mouse model	PLoS pathogens	2011	10.1038/onc.2011.39	Culture-Insert	http://www.nature.com/onc/journal/v30/n28/full/onc201139a.html
1434	A. A. Mokhtarieh, S. Cheong, S. Kim, B. H. Chung and M. K. Lee	Asymmetric liposome particles with highly efficient encapsulation of siRNA and without nonspecific cell penetration suitable for target-specific delivery	Biochimica et Biophysica Acta (BBA)-Biomembranes	2011	10.1158/1541-7786.MCR-10-0573	Culture-Insert	http://mcr.aacrjournals.org/content/early/2011/05/27/1541-7786.MCR-10-0573
1435	O. Meir, E. Dvash, A. Werman, M. Rubinstein and G. M. Fimia	C/EBP-beta regulates endoplasmic reticulum stress-triggered cell death in mouse and human models	PLoS ONE	2011	10.1002/jor.21517	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1002/jor.21517/full
1436	Y. Miyanari and M. E. Torres-Padilla	Control of ground-state pluripotency by allelic regulation of Nanog	Nature	2011	10.1128/MCB.05790-11	Culture-Insert	http://mcb.asm.org/content/early/2011/10/25/MCB.05790-11.abstract
1437	L. Mathys, K. François, M. Quandte, I. Braakman and J. Balzarini	Deletion of the Highly Conserved N-Glycan at Asn260 of HIV-1 gp120 Affects Folding and Lysosomal Degradation of gp120, and Results in Loss of Viral Infectivity	PloS one	2011	10.1158/0008-5472.CAN-10-1303	Culture-Insert	http://cancerres.aacrjournals.org/content/71/2/473.abstract

1438	C. Mohan, H. Bharathkumar, K. Bulusu, V. Pandey, S. Rangappa, J. Fuchs, M. Shanmugam, X. Dai, F. Li, A. Deivasigamani, K. Hui, A. Kumar, P. Lobie and A. Bender	Development of a Novel Azaspirane That Targets the Janus Kinase-Signal Transducer and Activator of Transcription (STAT) Pathway in Hepatocellular Carcinoma in Vitro and in Vivo	Journal of Biological Chemistry	2011	10.1111/j.1440-1827.2011.02765.x	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1111/j.1440-1827.2011.02765.x/full
1439	Y. Miyazaki, H. Fujiwara, H. Asai, F. Ochi, T. Ochi and T. Azuma	Development of a novel redirected T cell-based adoptive immunotherapy targeting human telomerase reverse transcriptase for adult T-cell leukemia	Blood First Edition Paper	2011	10.1096/fj.11-185447	Culture-Insert	http://www.fasebj.org/content/early/2011/09/27/fj.11-185447.short
1440	J. Min, H. Moon, H. Yang, H. Shin, S. Hong and S. Kang	Development of P22 Viral Capsid Nanocomposites as Anti-Cancer Drug, Bortezomib (BTZ), Delivery Nanoplatforms	Macromolecular Bioscience	2011	10.1038/onc.2011.403	Culture-Insert	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2011403a.html
1441	C. M. Megyola, Y. Gao, A. M. Teixeira, J. Cheng, K. Heydari, E. Cheng, T. Nottoli, D. S. Krause, J. Lu and S. Guo	Dynamic Migration and Cell-Cell Interactions of Early Reprogramming Revealed by High Resolution Time-lapse Imaging	Stem Cells	2011	10.1002/jcp.24042	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1002/jcp.24042/abstract
1442	K. Maruyama, H. Haniu, N. Saito, Y. Matsuda, T. Tsukahara, S. Kobayashi, M. Tanaka, K. Aoki, S. Takanashi, M. Okamoto and H. Kato	Endocytosis of Multiwalled Carbon Nanotubes in Bronchial Epithelial and Mesothelial Cells	BioMed Research International	2011	10.1016/j.ceca.2011.03.007	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S014341601100056X
1443	G. Mikaty, M. Soyer, E. Mairey, N. Henry, D. Dyer, K. T. Forest, P. Morand, S. Guadagnini, M. C. Prévost and X. Nassif	Extracellular Bacterial Pathogen Induces Host Cell Surface Reorganization to Resist Shear Stress	PLoS Pathogens	2011	10.1038/onc.2011.518	Culture-Insert	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2011518a.html
1444	I. Bedzhov, C. Leung, M. Bialecka and M. Zernicka-Goetz	In vitro culture of mouse blastocysts beyond the implantation stages	Nat. Protocols	2011	10.1091/mbc.E10-10-0838	Culture-Insert	http://www.molbiolcell.org/cgi/content/abstract/22/22/4302
1445	J. Mclaughlan, N. Ingram, P. Smith, S. Harput, P. Coletta, S. Evans and S. Freear	Increasing the sonoporation efficiency of targeted polydisperse microbubble populations using chirp excitation	Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on	2011	10.1093/jnci/djr256	Culture-Insert	http://jnci.oxfordjournals.org/cgi/content/abstract/103/16/1236

1446	Y. Miyanari, C. Ziegler-Birling and M. Torres-Padilla	Live visualization of chromatin dynamics with fluorescent TALEs	Nature structural & molecular biology	2011	10.1111/j.2042-7158.2010.01208.x	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1111/j.2042-7158.2010.01208.x/full
1447	V. Morrison, M. James, K. Grzes, P. Cook, D. Glass, T. Savinko, H. Lek, C. Gawden-Bone, C. Watts, O. Millington, A. MacDonald and S. Fagerholm	Loss of beta2-integrin-mediated cytoskeletal linkage reprogrammes dendritic cells to a mature migratory phenotype	Nat Commun	2011	10.1038/onc.2011.423	Culture-Insert	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2011423a.html
1448	T. Massignan, E. Biasini, E. Lauranzano, P. Veglianese, M. Pignataro, L. Fioriti, D. A. Harris, M. Salmona, R. Chiesa and V. Bonetto	Mutant prion protein expression is associated with an alteration of the Rab GDP dissociation inhibitor alpha (GDI)/Rab11 pathway	Molecular & Cellular Proteomics	2011	10.1002/glia.21106	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1002/glia.21106/full
1449	T. Miyoshi, T. Arai, K. Yamashita, M. Sasada and T. Uchiyama	NB4 cells treated with all-trans retinoic acid generate toxic reactive oxygen species that cause endothelial hyperpermeability	Leukemia Research	2011	10.1038/labinvest.2011.125	Culture-Insert	http://www.nature.com/labinvest/journal/v91/n12/full/labinvest2011125a.html
1450	A. Masamune, T. Watanabe, K. Kikuta, K. Satoh, A. Kanno and T. Shimosegawa	Nuclear expression of interleukin-33 in pancreatic stellate cells	American Journal of Physiology-Gastrointestinal and Liver Physiology	2011	10.1038/gt.2011.14	Culture-Insert	http://www.nature.com/gt/journal/v18/n7/full/gt201114a.html?WT.ec_id=GT-201107
1451	A. Mauss, M. Meier, E. Serbe and A. Borst	Optogenetic and Pharmacologic Dissection of Feedforward Inhibition in Drosophila Motion Vision	The Journal of Neuroscience	2011	10.1136/thoraxjnl-2011-200089	Culture-Insert	http://thorax.bmj.com/content/early/2011/09/22/thoraxjnl-2011-200089.abstract
1452	O. Mortusewicz, E. Fouquerel, J.-C. Ame, H. Leonhardt and V. Schreiber	PARG is recruited to DNA damage sites through poly(ADP-ribose)- and PCNA-dependent mechanisms	Nucleic Acids Res.	2011	10.1016/j.biomaterials.2011.02.036	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0142961211001888
1453	S. E. McGowan and D. M. McCoy	Platelet-derived growth factor-A and sonic hedgehog signaling direct lung fibroblast precursors during alveolar septal formation		2011	10.1016/j.bcp.2011.06.007	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0006295211003728

1454	R. May, S. Akbariyeh and Y. Li	Pore-Scale Investigation of Nanoparticle Transport in Saturated Porous Media Using Laser Scanning Cytometry	Environmental Science & Technology	2011	10.1016/j.ijmm.2010.08.014	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S1438422110000962
1455	C. Barcellos Machado, K. C. Kanning, P. Kreis, D. Stevenson, M. Crossley, M. Nowak, M. Iacovino, M. Kyba, D. Chambers, E. Blanc and I. Lieberam	Reconstruction of phrenic neuron identity in embryonic stem cell-derived motor neurons	Development	2011	10.1007/s00167-011-1697-4	Culture-Insert	http://dx.doi.org/10.1007/s00167-011-1697-4
1456	M. L. Mayer, C. J. Blohmke, R. Falsafi, C. D. Fjell, L. Madera, S. E. Turvey and R. E. W. Hancock	Rescue of Dysfunctional Autophagy Attenuates Hyperinflammatory Responses from Cystic Fibrosis Cells	The Journal of Immunology	2011	10.1038/onc.2011.106	Culture-Insert	http://www.nature.com/onc/journal/v30/n36/abs/onc2011106a.html
1457	M. Menhofer, R. Kubisch, L. Schreiner, M. Zorn, F. Foerster, R. Mueller, J. Raedler, E. Wagner, A. Vollmar and S. Zahler	The Actin Targeting Compound Chondramide Inhibits Breast Cancer Metastasis via Reduction of Cellular Contractility	PloS one	2011	10.1002/jcp.22649	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1002/jcp.22649/full
1458	V. L. Morrison, M. MacPherson, T. Savinko, H. San Lek, A. Prescott and S. C. Fagerholm	The beta2 integrin-kindlin-3 interaction is essential for T cell homing but dispensable for T cellactivation in vivo	Blood First Edition Paper	2011	10.1111/j.1349-7006.2011.02089.x	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1111/j.1349-7006.2011.02089.x/full
1459	J. Martinez, M. Evangelopoulos, V. Karun, E. Shegog, J. Wang, C. Boada, X. Liu, M. Ferrari and E. Tasciotti	The effect of multistage nanovector targeting of VEGFR2 positive tumor endothelia on cell adhesion and local payload accumulation	Biomaterials	2011	10.1167/iovs.11-7302	Culture-Insert	http://www.iovs.org/content/early/2011/05/23/iovs.11-7302.abstract
1460	R. May and Y. Li	The effects of particle size on the deposition of fluorescent nanoparticles in porous media: Direct observation using laser scanning cytometry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2011	10.1021/nn200807g	Culture-Insert	http://pubs.acs.org/doi/abs/10.1021/nn200807g
1461	F. Miller, G. Phan, T. Brissac, C. Bouchiat, G. Lioux, X. Nassif and M. Coureuil	The Hypervariable Region of Meningococcal Major Pilin PilE Controls the Host Cell Response via Antigenic Variation	mBio	2011	10.1091/mbc.E11-04-0280	Culture-Insert	http://www.molbiolcell.org/cgi/content/abstract/22/17/3032

1462	W.-T. Chao, A. C. Daquinag, F. Ashcroft and J. Kunz	Type I PIPK-{alpha} regulates directed cell migration by modulating Rac1 plasma membrane targeting and activation	J. Cell Biol.	2011	10.1093/hmg/ddr403	Culture-Insert	http://hmg.oxfordjournals.org/cgi/content/abstract/ddr403v2
1463	O. Mortusewicz and H. Leonhardt	XRCC1 and PCNA are loading platforms with distinct kinetic properties and different capacities to respond to multiple DNA lesions	BMC Molecular Biology	2011	10.1002/cyto.a.21029	Culture-Insert	http://onlinelibrary.wiley.com/doi/10.1002/cyto.a.21029/full
1464	M. Mourik, J. Valentijn, J. Voorberg, A. Koster, K. Valentijn and J. Eikenboom	Von Willebrand Factor remodeling during exocytosis from vascular endothelial cells	Journal of Thrombosis and Haemostasis	2011	10.1038/onc.2011.269	Culture-Insert, µ-Dish 35 mm	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2011269a.html
1465	R. Chabert, L. Fouque, S. Pinacolo, N. Garcia-Gimenez, M. Bonnans, K. Cucumel and N. Domloge	Evaluation of light-emitting diodes (LED) effect on skin biology (in vitro study)	Skin Research and Technology	2011	10.1371/journal.pone.0016249	Culture-Insert, µ-Slide Angiogenesis	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0016249
1466	D. Träutlein, M. Deibler, A. Leitenstorfer and E. Ferrando-May	Specific local induction of DNA strand breaks by infrared multi-photon absorption	Nucleic Acids Res.	2011	10.1371/journal.pgen.1002310	heated stage, ibidi Heating System	http://dx.doi.org/10.1371%2Fjournal.pgen.1002310
1467	S. Mustjoki, K. Auvinen, A. Kreutzman, P. Rousselot, S. Hernesniemi, T. Melo, A. M. Lahesmaa-Korpinen, S. Hautaniemi, S. Bouchet and M. Molimard	Rapid mobilization of cytotoxic lymphocytes induced by dasatinib therapy	Leukemia	2011	10.1039/C1SM05191A	ibidi foil	http://dx.doi.org/10.1039/C1SM05191A
1468	S. Nakamura, N. Takayama, S. Hirata, H. Seo, H. Endo, K. Ochi, K. Fujita, T. Koike, K. Harimoto and T. Dohda	Expandable Megakaryocyte Cell Lines Enable Clinically Applicable Generation of Platelets from Human Induced Pluripotent Stem Cells	Cell Stem Cell	2011		Sticky-Slide I Luer	http://dx.doi.org/10.1039/C1LC20807A
1469	S. Gilk, D. Cockrell, C. Luterbach, B. Hansen, L. Knodler, J. Ibarra, O. Steele-Mortimer and R. Heinzen	Bacterial colonization of host cells in the absence of cholesterol	PLoS pathogens	2010	10.1083/jcb.200912163	µ-Dish	http://jcb.rupress.org/cgi/content/abstract/189/1/23
1470	F. den Boon, P. Chameau, Q. Schaafsma-Zhao, W. van Aken, M. Bari, S. Oddi, C. Kruse, M. Maccarrone, W. Wadman and T. Werkman	Excitability of prefrontal cortical pyramidal neurons is modulated by activation of intracellular type-2 cannabinoid receptors	PNAS	2010	10.1117/1.3431712	µ-Dish	http://spiedl.aip.org/getabs/servlet/GetabsServlet?prog=normal&id=JBOPFO000015000003036009000001&idtype=cvips&gifs=yes&ref=no

1471	V. Härmä, J. V. ., R. Mäkelä, A. Happonen, J. P.Mpindi, M. Knuuttila, P. Kohonen, J. Lötjönen, O. Kallioniemi and M. Nees	A Comprehensive Panel of Three-Dimensional Models for Studies of Prostate Cancer Growth, Invasion and Drug Responses	PLoS ONE	2010	1015-8987/10/0251-0091	µ-Dish 35 mm	http://content.karger.com/ProdukteDB/produkte.asp?Action=ShowAbstract&ArtikelNr=272064&Ausgabe=253781&ProduktNr=224332
1472	L. Harris, P. Rainey, V. Castro-Lopez, J. O'Donnell and A. Killard	A novel microfluidic anti-factor Xa assay device for monitoring anticoagulant therapy at the point-of-care	SPIE Microtechnologies	2010	10.1016/j.peptides.2010.07.013	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0196978110003256
1473	K. R. Duffy, C. J. Wellard, J. F. Markham, J. H. S. Zhou, R. Holmberg, E. D. Hawkins, J. Hasbold, M. R. Dowling and P. D. Hodgkin	Activation-Induced B Cell Fates Are Selected by Intracellular Stochastic Competition	Science	2010		µ-Dish 35 mm	http://www.biomedcentral.com/1471-213X/10/98
1474	T. Deramaudt, D. Dujardin, F. Noulet, S. Martin, R. Vauchelles, K. Takeda and P. Rondé	Altering FAK-Paxillin Interactions Reduces Adhesion, Migration and Invasion Processes	PloS one	2010	10.1074/jbc.M109.096552	µ-Dish 35 mm	http://www.jbc.org/cgi/content/abstract/285/22/16978
1475	L. Gonzalez, M. De Santis Puzzonia, R. Ricci, F. Aureli, G. Guarguaglini, F. Cubadda, L. Leyns, E. Cundari and M. Kirsch-Volders	Amorphous silica nanoparticles alter microtubule dynamics and cell migration	Nanotoxicology	2010	10.1128/JVI.01691-09	µ-Dish 35 mm	http://jvi.asm.org/cgi/content/abstract/84/3/1585
1476	K. Bannik, U. Rössler, T. Faus-Kessler, M. Gomolka, S. Hornhardt, C. Dalke, O. Klymenko, M. Rosemann, K. Trott and M. Atkinson	Are mouse lens epithelial cells more sensitive to gamma-irradiation than lymphocytes?	Radiation and environmental biophysics	2010	10.1371/journal.pone.0015571.	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0015571
1477	L. Caisová, C. Reyes, V. Álamo, A. Quintana, B. Surek and M. Melkonian	Barrancaceae: A new green algal lineage with structural and behavioral adaptations to a fluctuating environment	American Journal of Botany	2010	10.1096/fj.10-159046	µ-Dish 35 mm	http://www.fasebj.org/cgi/content/abstract/fj.10-159046v1
1478	R. J. Flockhart, D. E. Webster, K. Qu, N. Mascarenhas, J. Kovalski, M. Kretz and P. A. Khavari	BRAFV600E remodels the melanocyte transcriptome and induces BANCR to regulate melanoma cell migration	Genome Research	2010	10.1074/jbc.C110.143123	µ-Dish 35 mm	http://www.jbc.org/content/early/2010/05/21/jbc.C110.143123.abstract
1479	C. Glorieux, N. Dejeans, B. Sid, R. Beck, P. B. Calderon and J. Verrax	Catalase overexpression in mammary cancer cells leads to a less aggressive phenotype and an altered response to chemotherapy	Biochemical Pharmacology	2010	10.1021/ma102498g	µ-Dish 35 mm	http://pubs.acs.org/doi/abs/10.1021/ma102498g

1480	T. Girbl, E. Hinterseer, E. M. Grässinger, D. Asslaber, K. Oberascher, L. Weiss, C. Hauser-Kronberger, D. Neureiter, H. Kerschbaum and D. Naor	CD40-Mediated Activation of Chronic Lymphocytic Leukemia Cells Promotes Their CD44-Dependent Adhesion to Hyaluronan and Restricts CCL21-Induced Motility	Cancer Research	2010	10.1002/asia.201000025	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/asia.201000025/abstract
1481	S. Haldar, A. Gupta, X. Yan, G. Milicic, F. Hartl and M. Hayer-Hartl	Chaperonin-Assisted Protein Folding: Relative Population of Asymmetric and Symmetric GroEL:GroES Complexes	Journal of Molecular Biology	2010	10.1002/cm.20501	µ-Dish 35 mm	
1482	D. Guet, L. Burns, S. Maji, J. Boulanger, P. Hersen, S. Wente, J. Salamero and C. Dargemont	Combining Spinach-tagged RNA and gene localization to image gene expression in live yeast	Nature Communications	2010		µ-Dish 35 mm	http://pubs.acs.org/doi/abs/10.1021/bc900342p
1483	C. Hagen, P. Guttmann, B. Klupp, S. Werner, S. Rehbein, T. C. Mettenleiter, G. Schneider and K. Günewald	Correlative VIS-fluorescence and soft X-ray cryo-microscopy/tomography of adherent cells	Journal of Structural Biology	2010	10.1155/2011/413079	µ-Dish 35 mm	http://www.hindawi.com/journals/jnm/2011/413079.html
1484	O. Gordeeva	Cytotoxic effects of etoposide at different stages of differentiation of embryoid bodies formed by mouse embryonic stem cells	Russian Journal of Developmental Biology	2010	10.1016/j.bpj.2009.10.006	µ-Dish 35 mm	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808489/
1485	S. Goedicke-Fritz, A. Kaistha, M. Kacik, S. Markert, A. Hofmeister, C. Busch, S. Bänfer, R. Jacob, I. Grgic and J. Hoyer	Evidence for functional and dynamic microcompartmentation of Cav-1/TRPV4/KCa in caveolae of endothelial cells	European Journal of Cell Biology	2010	10.1371/journal.ppat.1000955	µ-Dish 35 mm	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1000955
1486	M. Hagiyama, N. Ichiyanagi, K. B. Kimura, Y. Murakami and A. Ito	Expression of a Soluble Isoform of Cell Adhesion Molecule 1 in the Brain and Its Involvement in Directional Neurite Outgrowth	Am. J. Pathol.	2010	doi:10.1371/journal.pntd.0000905	µ-Dish 35 mm	http://www.plosntds.org/article/info%3Adoi%2F10.1371%2Fjournal.pntd.0000905
1487	L. Germain, P. De Berdt, J. Vanacker, J. Leprince, A. Diogenes, D. Jacobs, G. Vandermeulen, C. Bouzin, V. Préat, C. Dupont-Gillain and A. des Rieux	Fibrin hydrogels to deliver dental stem cells of the apical papilla for regenerative medicine	Regenerative Medicine	2010	10.1021/jp9090206	µ-Dish 35 mm	http://pubs.acs.org/doi/abs/10.1021/jp9090206
1488	E. A. Booth-Gauthier, T. A. Alcoser, G. Yang and K. N. Dahl	Force-Induced Changes in Subnuclear Movement and Rheology	Biophysical Journal	2010	10.1099/mic.0.039313-0	µ-Dish 35 mm	http://mic.sgmjournals.org/cgi/content/abstract/mic.0.039313-0v1

1489	J. Christensen, S. Bentz, T. Sengstag, V. P. Shastri and P. Anderle	FOXQ1, a Novel Target of the Wnt Pathway and a New Marker for Activation of Wnt Signaling in Solid Tumors	PLoS ONE	2010	10.1159/000289765	µ-Dish 35 mm	http://content.karger.com/ProdukteDB/produkte.asp?Action=ShowFulltext&ArtikelNr=289765&Ausgabe=0&ProduktNr=223855
1490	D. Gisselsson, D. Lindgren, L. H. Mengelbier, I. Øra and H. Yeger	Genetic bottlenecks and the hazardous game of population reduction in cell line based research	Experimental Cell Research	2010	10.1523/JNEUROSCI.1189-10.2010	µ-Dish 35 mm	http://www.jneurosci.org/cgi/content/abstract/30/40/13291
1491	E. Aleyd, M. van Hout, S. Ganzevles, K. Hoeben, V. Everts, J. Bakema and M. van Egmond	IgA Enhances NETosis and Release of Neutrophil Extracellular Traps by Polymorphonuclear Cells via Fcalpha Receptor I	The Journal of Immunology	2010	10.1128/JVI.01998-09	µ-Dish 35 mm	http://jvi.asm.org/cgi/content/abstract/84/5/2432
1492	A. Epanchintsev, P. Shyamsunder, R. Verma and A. Lyakhovich	IL-6, IL-8, MMP-2, MMP-9 are overexpressed in Fanconi anemia cells through a NF-kappa-B/TNF-alpha dependent mechanism	Molecular Carcinogenesis	2010	10.1371/journal.ppat.1000862	µ-Dish 35 mm	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.1000862
1493	R. Hamm, Y. R. Chen, E.-J. Seo, M. Zeino, C.-F. Wu, R. Müller, N. S. Yang and T. Efferth	Induction of cholesterol biosynthesis by archazolid B in T24 bladder cancer cells	Biochemical Pharmacology	2010	0.1016/j.neuint.2010.03.016	µ-Dish 35 mm	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T0B-4YRHCJ5-1&_user=616146&_coverDate=07%2F31%2F2010&_alid=1366858870&_rdoc=5&_fmt=high&_orig=search&_cdi=4858&_sort=r&_docanchor=&view=c&_ct=9&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=2c3409d63570423767f69022d4f7a1e2
1494	M. Hagedorn, K. H. Rohde, D. G. Russell and T. Soldati	Infection by Tubercular Mycobacteria Is Spread by Nonlytic Ejection from Their Amoeba Hosts	Science	2010	10.1016/j.bbadis.2010.07.024	µ-Dish 35 mm	
1495	C. Bourdin, B. Moignot, L. Wang, L. Murillo, M. Juchaux, S. Quinchard, B. Lapied, N. Guérineau, K. Dong and C. Legros	Intron Retention in mRNA Encoding Ancillary Subunit of Insect Voltage-Gated Sodium Channel Modulates Channel Expression, Gating Regulation and Drug Sensitivity	PloS one	2010	10.1016/j.neurobiolaging.2008.08.011	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0197458008002984
1496	A. Görgens, J. Beckmann, A. K. Ludwig, M. Möllmann, J. Dürig, P. A. Horn, L. Rajendran and B. Giebel	Lipid raft redistribution and morphological cell polarization are separable processes providing a basis for hematopoietic stem and progenitor cell migration	The International Journal of Biochemistry & Cell Biology	2010	10.1371/journal.pbio.1000300	µ-Dish 35 mm	http://dx.doi.org/10.1371%2Fjournal.pbio.1000300

1497	G. Boulay, N. Malaquin, I. Loison, B. Foveau, C. Van Rechem, B. R. Rood, A. Pourtier and D. Leprince	Loss of Hypermethylated in Cancer 1 (HIC1) in Breast Cancer Cells Contributes to Stress-induced Migration and Invasion through {beta}-2 Adrenergic Receptor (ADRB2) Misregulation	J. Biol. Chem.	2010	10.1016/j.ejcb.2010.05.003	µ-Dish 35 mm	
1498	N. Gül, L. Babes, K. Siegmund, R. Korthouwer, M. Bögels, R. Braster, G. Vidarsson, T. ten Hagen, P. Kubes and M. van Egmond	Macrophages eliminate circulating tumor cells after monoclonal antibody therapy	The Journal of clinical investigation	2010	10.1016/j.biomaterials.2010.08.068	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0142961210011063
1499	R. E. Griffiths, S. Kupzig, N. Cogan, T. J. Mankelow, V. M. S. Betin, K. Trakarnsanga, E. J. Massey, J. D. Lane, S. F. Parsons and D. J. Anstee	Maturing reticulocytes internalize plasma membrane in glycophorin Aâ€“containing vesicles that fuse with autophagosomes before exocytosis	Blood	2010	10.1002/stem.549	µ-Dish 35 mm	http://dx.doi.org/10.1002/stem.549
1500	J. Guedes, I. Santana, C. Cunha, D. Duro, M. Almeida, A. Cardoso, M. de Lima and A. Cardoso	MicroRNA deregulation and chemotaxis and phagocytosis impairment in Alzheimer's disease	Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring	2010	10.1042/BJ20100698	µ-Dish 35 mm	http://www.biochemj.org/bj/431/bj4310189.htm
1501	S. Boudoukha, T. Rivera Vargas, I. Dang, J. Kropp, S. Cuvellier, A. Gautreau and A. Polesskaya	MiRNA let-7g regulates skeletal myoblast motility via Pinch-2	FEBS Letters	2010	10.1371/journal.pone.0014104	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0014104
1502	J. Gilley, K. Ando, A. Seereeram, T. Rodríguez-Martín, A. Pooler, L. Sturdee, B. Anderton, J. Brion, D. Hanger and M. Coleman	Mislocalization of neuronal tau in the absence of tangle pathology in phosphomutant tau knockin mice	Neurobiology of Aging	2010	10.1038/msb.2010.92	µ-Dish 35 mm	http://www.nature.com/msb/journal/v6/n1/synopsis/msb201092.html
1503	A. Boratkó and C. Csortos	NHERF2 is crucial in ERM phosphorylation in pulmonary endothelial cells	Cell Communication and Signaling	2010	10.1007/s00395-009-0081-8	µ-Dish 35 mm	http://www.springerlink.com/content/f6n256348r67l332/

1504	F. Haasters, W. Prall, I. Westphal, W. Böcker, D. Padula, W. Mutschler, D. Docheva and M. Schieker	Overexpression of dnIKK in Mesenchymal Stem Cells Leads to Increased Migration and Decreased Invasion upon TNFalpha Stimulation	Biochemical and biophysical research communications	2010	10.1369/jhc.2010.955245	µ-Dish 35 mm	http://www.jhc.org/cgi/content/abstract/58/6/543
1505	E. Derivery, C. Seum, A. Daeden, S. Loubéry, L. Holtzer, F. Jülicher and M. Gonzalez-Gaitan	Polarized endosome dynamics by spindle asymmetry during asymmetric cell division	Nature	2010	10.1083/jcb.200911143	µ-Dish 35 mm	http://jcb.rupress.org/cgi/content/abstract/191/1/23
1506	J. Häfner, M. Mayr, M. Möckel and T. Mayer	Pre-anaphase chromosome oscillations are regulated by the antagonistic activities of Cdk1 and PP1 on Kif18A	Nat Commun	2010	10.1091/mbc.E09-06-0503	µ-Dish 35 mm	http://www.molbiolcell.org/cgi/content/abstract/21/15/2555
1507	T. Eiseler, H. Doppler, I. K. Yan, K. Kitatani, K. Mizuno and P. Storz	Protein kinase D1 regulates cofilin-mediated F-actin reorganization and cell motility through slingshot	Nat Cell Biol	2010	10.1074/jbc.M109.094334	µ-Dish 35 mm	http://www.jbc.org/cgi/content/abstract/285/19/14585
1508	V. Härmä, H. Schukov, A. Happonen, I. Ahonen, J. Virtanen, H. Siitari, M. Åkerfelt, J. Lötjönen and M. Nees	Quantification of Dynamic Morphological Drug Responses in 3D Organotypic Cell Cultures by Automated Image Analysis	PloS one	2010	10.1016/j.jneumeth.2010.07.038	µ-Dish 35 mm	
1509	E. Celik, M. Abdulreda, D. Maiguel, J. Li and V. Moy	Rearrangement of microtubule network under biochemical and mechanical stimulations	Methods	2010	10.1083/jcb.201007107	µ-Dish 35 mm	http://jcb.rupress.org/content/191/4/731.abstract
1510	Y. Ermakova, D. Bilan, M. Matlashov, N. Mishina, K. Markvicheva, O. Subach, F. Subach, I. Bogeski, M. Hoth, G. Enikolopov and V. Belousov	Red fluorescent genetically encoded indicator for intracellular hydrogen peroxide	Nat Commun	2010	10.1016/j.bcp.2010.07.046	µ-Dish 35 mm	
1511	K. L. Betterman, S. Paquet-Fifield, M. L. Asselin-Labat, J. E. Visvader, L. M. Butler, S. A. Stacker, M. G. Achen and N. L. Harvey	Remodeling of the Lymphatic Vasculature during Mouse Mammary Gland Morphogenesis Is Mediated via Epithelial-Derived Lymphangiogenic Stimuli	The American journal of pathology	2010	10.1371/journal.pone.0011560	µ-Dish 35 mm	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0011560
1512	S. Greulich, D. H. De Wiza, S. Preilowksi, Z. Ding, H. Mueller, D. Langin, K. Jaquet, D. M. Ouwens and J. Eckel	Secretory products of guinea pig epicardial fat induce insulin resistance and impair primary adult rat cardiomyocyte function	Journal of Cellular and Molecular Medicine	2010	10.1002/jnr.22190	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/jnr.22190/abstract

1513	S. Hahn, R. Jackstadt, H. Siemens, S. Hünten and H. Hermeking	SNAIL and miR-34a feed-forward regulation of ZNF281/ZBP99 promotes epithelial–mesenchymal transition	The EMBO journal	2010	10.1128/MCB.00028-10	µ-Dish 35 mm	http://mcb.asm.org/cgi/content/abstract/30/12/2896
1514	N. Andrae, E. Kirches, R. Hartig, D. Haase, G. Keilhoff, T. Kalinski and C. Mawrin	Sunitinib targets PDGF-receptor and Flt3 and reduces survival and migration of human meningioma cells	European Journal of Cancer	2010	10.1074/jbc.M110.102590	µ-Dish 35 mm	http://www.jbc.org/content/285/27/20882
1515	K. Guo, P. Fu, K. Juerchott, H. Motaln, J. Selbig, T. Lah, J. Tonn and C. Schichor	The expression of Wnt-inhibitor DKK1 (Dickkopf 1) is determined by intercellular crosstalk and hypoxia in human malignant gliomas	Journal of Cancer Research and Clinical Oncology	2010	10.1021/nn101724r	µ-Dish 35 mm	http://pubs.acs.org/doi/abs/10.1021/nn101724r
1516	P. Halang, S. Leptihn, T. Meier, T. Vorburger and J. Steuber	The function of the Na+-driven flagellum of Vibrio cholerae is determined by osmolality and pH	Journal of bacteriology	2010	10.1016/j.ijpharm.2010.02.003	µ-Dish 35 mm	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T7W-4YC80S5-3&_user=616146&_coverDate=05%2F10%2F2010&_alid=1314207196&_rdoc=13&_fmt=high&_orig=search&_cdi=5069&_sort=r&_docanchor=&view=c&_ct=15&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=0fe1d8f60c9571701ab9a76158bbaef9
1517	R. Hart, P. Stanley, P. Chakravarty and N. Hogg	The kindlin 3 pleckstrin homology domain has an essential role in lymphocyte function-associated antigen 1 (LFA-1) integrin-mediated B cell adhesion and migration	Journal of Biological Chemistry	2010	10.1074/jbc.M110.129874	µ-Dish 35 mm	http://www.jbc.org/content/285/28/21292
1518	A. Goetzenich, S. Kraemer, R. Rossaint, C. Bleilevens, F. Dollo, L. Siry, S. Rajabi-Alampour, C. Beckers, J. Soppert and H. Lue	The Role of Macrophage Migration Inhibitory Factor in Anesthetic-Induced Myocardial Preconditioning	PloS one	2010	10.1091/mbc.E10-05-0394	µ-Dish 35 mm	http://www.molbiolcell.org/content/22/2/202.long
1519	R. Goggs, J. Savage, H. Mellor and A. Poole	The Small GTPase Rif Is Dispensable for Platelet Filopodia Generation in Mice	PloS one	2010	10.1091/mbc.E09-12-1003	µ-Dish 35 mm	http://www.molbiolcell.org/cgi/content/abstract/21/12/2087
1520	Y. Emre, M. Irla, I. Dunand-Sauthier, R. Ballet, M. Meguenani, S. Jemelin, C. Vesin, W. Reith and B. Imhof	Thymic epithelial cell expansion through matricellular protein CYR61 boosts progenitor homing and T-cell output	Nature Communications	2010	10.1083/jcb.200911156	µ-Dish 35 mm	http://jcb.rupress.org/cgi/content/abstract/190/2/197

1521	I. Hartmann, T. Hollweck, S. Haffner, M. Krebs, B. Meiser, B. Reichart and G. Eissner	Umbilical cord tissue-derived mesenchymal stem cells grow best under GMP-compliant culture conditions and maintain their phenotypic and functional properties	Journal of Immunological Methods	2010	10.1002/jcp.22616	µ-Dish 35 mm	http://onlinelibrary.wiley.com/doi/10.1002/jcp.22616/abstract
1522	P. Bartolucci, V. Chaar, J. Picot, D. Bachir, A. Habibi, C. Fauroux, F. Galacteros, Y. Colin, C. Le Van Kim and W. El Nemer	Decreased sickle red blood cell adhesion to laminin by hydroxyurea is associated with inhibition of Lu/BCAM protein phosphorylation	Blood	2010	10.1073/pnas.100864710	µ-Dish 35 mm glass bottom	http://www.pnas.org/cgi/content/abstract/107/30/13420
1523	B. Bartolini, M. Thelin, L. Svensson, G. Ghiselli, T. van Kuppevelt, A. Malmström and M. Maccarana	Iduronic Acid in Chondroitin/Dermatan Sulfate Affects Directional Migration of Aortic Smooth Muscle Cells	PloS one	2010	PMCID: PMC2954040	µ-Dish 35 mm glass bottom	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2954040/
1524	C. Freisinger and A. Huttenlocher	Live Imaging and Gene Expression Analysis in Zebrafish Identifies a Link between Neutrophils and Epithelial to Mesenchymal Transition	PloS one	2010	10.1021/nn101724r	µ-Dish 35 mm glass bottom	http://pubs.acs.org/doi/abs/10.1021/nn101724r
1525	J. Balvan, A. Krizova, J. Gumulec, M. Raudenska, Z. Sladek, M. Sedlackova, P. Babula, M. Sztalmachova, R. Kizek and R. Chmelik	Multimodal holographic microscopy: distinction between apoptosis and oncosis	PloS one	2010	10.1038/ncb2051	µ-Dish 35 mm glass bottom	http://dx.doi.org/10.1038/ncb2051; http://www.nature.com/ncb/journal/v12/n5/suppinfo/ncb2051_S1.html
1526	J. C. Hocking, M. Distel and R. W. Köster	Studying cellular and subcellular dynamics in the developing zebrafish nervous system	Experimental Neurology	2010	10.1073/pnas.1016065108	µ-Dish 35 mm low, Culture-Insert	http://www.pnas.org/content/early/2010/12/23/1016065108.abstract
1527	T. Hoenen, R. S. Shabman, A. Groseth, A. Herwig, M. Weber, G. Schudt, O. Dolnik, C. F. Basler, S. Becker and H. Feldmann	Inclusion bodies are a site of Ebola virus replication	Journal of Virology	2010	10.1093/hmg/ddq276	µ-Dish 35 mm,	http://hmg.oxfordjournals.org/cgi/content/abstract/ddq276
1528	S. Hofbauer, P. Krenn, S. Ganghammer, D. Asslaber, U. Pichler, K. Oberascher, R. Henschler, M. Wallner, H. Kerschbaum and R. Greil	Tiam1/Rac1 signals contribute to proliferation and chemoresistance but not motility of chronic lymphocytic leukemia cells	Blood	2010	10.1089/ten.TEA.2009.0	µ-Dish 35 mm, µ-Slide 8 well	http://www.liebertonline.com/doi/abs/10.1089/ten.TEA.2009.0271
1529	S. Armeanu-Ebinger, D. Herrmann, M. Bonin, I. Leuschner, S. W. Warmann, J. Fuchs and G. Seitz	Differential expression of miRNAs in rhabdomyosarcoma and malignant rhabdoid tumor	Experimental Cell Research	2010	10.1117/1.3449567	µ-Dish 35 mm, Grid-500	http://spiedl.aip.org/getabs/servlet/GetabsServlet?prog=normal&id=JBOPFO000015000004041509000001&idtype=cvips&gifs=yes

1530	R. Ali, S. Trump, I. Lehmann and T. Hanke	Live cell imaging of the intracellular compartmentalization of the contaminate benzo [a] pyrene	Journal of Biophotonics	2010	10.1083/jcb.201002149	µ-Dish 35 mm, Grid-500	http://jcb.rupress.org/cgi/content/abstract/190/2/223
1531	G. Chamberlain, H. Smith, G. E. Rainger and J. Middleton	Mesenchymal Stem Cells Exhibit Firm Adhesion, Crawling, Spreading and Transmigration across Aortic Endothelial Cells: Effects of Chemokines and Shear	PLoS ONE	2010	10.1242/jcs.064055	µ-Dish 35 mm, Grid-500	http://jcs.biologists.org/cgi/content/abstract/123/12/2111
1532	B. Holmes, J. Furman, T. Mahan, T. Yamasaki, H. Mirbaha, W. Eades, L. Belaygorod, N. Cairns, D. Holtzman and M. Diamond	Proteopathic tau seeding predicts tauopathy in vivo	Proceedings of the National Academy of Sciences	2010	10.1063/1.3447365	µ-Dish 35 mm, Grid-500	http://apl.aip.org/applab/v96/i22/p223701_s1
1533	P. Constantinou, R. S. Dacosta and B. C. Wilson	Extending immunofluorescence detection limits in whole paraffin-embedded formalin fixed tissues using hyperspectral confocal fluorescence imaging	Journal of Microscopy	2010		µ-Plate 96 well	http://www.sciencedirect.com/science/article/B6WBK-4YT6D13-6/2/58c08c27d933be3c64f3e03971975a73
1534	T. Geczy, M. L. Peach, S. El Kazzouli, D. M. Sigano, J. H. Kang, C. J. Valle, J. Selezneva, W. Woo, N. Kedei and N. E. Lewin	Molecular Basis for Failure of â€œAtypicalâ€? C1 Domain of Vav1 to Bind Diacylglycerol/Phorbol Ester	Journal of Biological Chemistry	2010	10.1371/journal.pone.0013176	µ-Plate 96 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0013176
1535	S. Hsiao, F. Tovar-Lopez, J. Gunn, T. Spencer, I. Halliday, C. Perrault and P. Evans	292Endothelial cell forward migration in a disturbed wall shear stress environment is promoted by ROCK inhibition	Cardiovascular Research	2010	10.1021/jp9072153	µ-Slide 18 well flat	http://pubs.acs.org/doi/abs/10.1021/jp9072153
1536	M. Hsieh, C. Chien, C. Chang and T. Chang	Aggregation induced photodynamic therapy enhancement based on linear and nonlinear excited FRET of fluorescent organic nanoparticles	J. Mater. Chem. B	2010	10.1074/jbc.M109.083154	µ-Slide 18 well flat	http://www.jbc.org/content/early/2010/01/29/jbc.M109.083154.abstract
1537	S. U. Frick, N. Bacher, G. Baier, V. Mailänder, K. Landfester and K. Steinbrink	Functionalized Polystyrene Nanoparticles Trigger Human Dendritic Cell Maturation Resulting in Enhanced CD4+ T Cell Activation	Macromolecular Bioscience	2010	10.1021/bm1001125	µ-Slide 18 well flat	http://pubs.acs.org/doi/abs/10.1021/bm1001125
1538	S. Hou, D. Grillo, C. Williams, J. Wasserstrom, I. Szleifer and M. Zhao	Membrane phospholipid redistribution in cancer micro-particles and implications in the recruitment of cationic protein factors	Journal of Extracellular Vesicles	2010		µ-Slide 18 well flat	http://www.sciencedirect.com/science/article/B6THB-4YT059S-1/2/66c11a880eb2eacc870cf6e67ec59ae9

1539	K. L. Horton, K. M. Stewart, S. B. Fonseca, Q. Guo and S. O. Kelley	Mitochondria-Penetrating Peptides	Chemistry & Biology	2010	10.1016/j.cellsig.2010.05.009	µ-Slide 18 well flat	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T2M-502V6WX-1&_user=616146&_coverDate=09%2F30%2F2010&_alid=1371515145&_rdoc=1&_fmt=high&_orig=search&_cdi=4922&_sort=r&_docanchor=&view=c&_ct=1&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=6fb5e0a2916b6ad63acac0134c71ec83
1540	M. Korn, J. Schmidpeter, M. Dahl, S. Müller, L. Voll and C. Koch	A Genetic Screen for Pathogenicity Genes in the Hemibiotrophic Fungus Colletotrichum higginsianum Identifies the Plasma Membrane Proton Pump Pma2 Required for Host Penetration		2010	10.1074/jbc.M110.162156	µ-Slide 8 well	http://www.jbc.org/content/early/2010/10/18/jbc.M110.162156.abstract
1541	F. Boitrelle, M. Pagnier, Y. Athiel, N. Swierkowski-Blanchard, A. Torre, L. Alter, C. Muratorio, F. Vialard, M. Albert and J. Selva	A human morphologically normal spermatozoon may have noncondensed chromatin	Andrologia	2010	0.1016/j.mimet.2010.03.002	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0167701210000886
1542	S. Kösem, Z. Ökten, T. H. Ho, G. Trommler, M. P. Koonce, M. Samereier and A. Müller-Taubenberger	A non-mitotic CENP-E homolog in Dictyostelium discoideum with slow motor activity	Biochemical and Biophysical Research Communications	2010	10.1016/j.ejphar.2010.06.069	µ-Slide 8 well	
1543	M. Franco, E. Collec, P. Connes, E. van den Akker, T. B. de Villemeur, N. Belmatoug, M. von Lindern, N. Ameziane, O. Hermine and Y. Colin	Abnormal properties of red blood cells suggest a role in the pathophysiology of Gaucher disease	Blood	2010	10.1016/j.jconrel.2009.12.025	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T3D-4Y4R465-1&_user=10&_coverDate=01%2F11%2F2010&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_searchStrId=1246376744&_rerunOrigin=scholar.google&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=35ebb009c8970dba13d9c883a4f36e35
1544	T. Ko, E. Kim, S. Nagashima, K. Oh, K. Lee, S. Kim and M. Moon	Adhesion behavior of mouse liver cancer cells on nanostructured superhydrophobic and superhydrophilic surfaces	Soft Matter	2010	10.1021/la9045572	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/la9045572

1545	R. Fontijn, J. Favre, B. Naaijkens, E. Meinster, N. Paauw, S. Ragghoe, T. Nauta, M. van den Broek, E. Weijers, H. Niessen, P. Koolwijk and A. Horrevoets	Adipose tissue-derived stromal cells acquire endothelial-like features upon reprogramming with SOX18	Stem Cell Research	2010	10.1126/scitranslmed.3001338	µ-Slide 8 well	http://stm.sciencemag.org/cgi/content/abstract/2/54/54ra77
1546	I. Böhme, J. Stichela, C. Walthera, K. Mörla and A. G. Beck-Sickinger	Agonist induced receptor internalization of neuropeptide Y receptor subtypes depends on third intracellular loop and C-terminus	Cellular Signalling	2010	10.1016/j.joen.2010.08.011	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0099239910006692
1547	M. Korthals, K. Schilling, P. Reichardt, D. Mamula, T. Schlüter, M. Steiner, K. Langnäse, U. Thomas, E. Gundelfinger and R. Premont	alpha-PIX RhoGEF Supports Positive Selection by Restraining Migration and Promoting Arrest of Thymocytes	The Journal of Immunology	2010	10.1242/jcs.058255	µ-Slide 8 well	http://jcs.biologists.org/cgi/content/abstract/123/5/806
1548	B. Kemper, J. Wibbeling and S. Ketelhut	Analysis of mixed cell cultures with quantitative digital holographic phase microscopy	SPIE Photonics Europe	2010	10.1016/j.bbrc.2010.09.030	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0006291X10017055
1549	P. O. Kaiser, D. Linke, H. Schwarz, J. C. Leo and V. A. J. Kempf	Analysis of the BadA stalk from B. henselae reveals domainâ€?specific and domainâ€?overlapping functions in the host cell infection process	Cellular Microbiology	2010	10.1073/pnas.0912782107	µ-Slide 8 well	http://www.pnas.org/content/107/23/10667.abstract?sid=b90a4832-4e5f-4a63-b8e1-d1161f575cf8
1550	A. Kim, M. Im and J. Ma	Anisi stellati fructus extract attenuates the in vitro and in vivo metastatic and angiogenic potential of malignant cancer cells by downregulating proteolytic activity and pro-angiogenic factors	International journal of oncology	2010	10.1242/jcs.059519	µ-Slide 8 well	http://jcs.biologists.org/cgi/content/abstract/123/10/1785
1551	John K. Eykelenboom, Emma C. Harte, L. Canavan, A. Pastor-Peidro, I. Calvo-Asensio, M. Llorens-Agost and Noel F. Lowndes	ATR Activates the S-M Checkpoint during Unperturbed Growth to Ensure Sufficient Replication Prior to Mitotic Onset	Cell Reports	2010	10.1016/j.cellsig.2009.09.015	µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pubmed/19781633
1552	M. Kamiya, D. Asanuma, E. Kuranaga, A. Takeishi, M. Sakabe, M. Miura, T. Nagano and Y. Urano	Beta-Galactosidase Fluorescence Probe with Improved Cellular Accumulation Based on a Spirocyclized Rhodol Scaffold	Journal of the American Chemical Society	2010	10.1186/1471-2180-10-141	µ-Slide 8 well	http://www.biomedcentral.com/1471-2180/10/141
1553	L. Kaestner	Calcium Signalling: Approaches and Findings in the Heart and Blood		2010	10.1016/j.jim.2010.10.008	µ-Slide 8 well	

1554	K. Franciszkiewicz, A. Le Floc'h, M. Boutet, I. Vergnon, A. Schmitt and F. Mami-Chouaib	CD103 or LFA-1 engagement at the immune synapse between cytotoxic T cells and tumor cells promotes maturation and regulates T-cell effector functions	Cancer Research	2010	10.1021/bm1013525	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/bm1013525
1555	S. Ko, H. Ko, T. Shieh, W. Chang, H. Chen, S. Chang and I. Lin	Cell Migration Is Regulated by AGE-RAGE Interaction in Human Oral Cancer Cells In Vitro	PLOS ONE	2010	10.1111/j.1462-5822.2009.01410.x	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/j.1462-5822.2009.01410.x/abstract
1556	M. Kaiser, S. Pereira, L. Pohl, S. Ketelhut, B. Kemper, C. Gorzelanny, H. Galla, B. Moerschbacher and F. Goycoolea	Chitosan encapsulation modulates the effect of capsaicin on the tight junctions of MDCK cells	Scientific Reports	2010	10.1152/ajpheart.00812.2010	µ-Slide 8 well	http://ajpheart.physiology.org/cgi/content/abstract/ajpheart.00812.2010v1
1557	K. Koren, R. I. Dmitriev, S. M. Borisov, D. B. Papkovsky and I. Klimant	Complexes of IrIII-Octaethylporphyrin with Peptides as Probes for Sensing Cellular O2	ChemBioChem	2010	10.3390/ijms11030956.	µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2869222/
1558	Y. Kloog and A. Mor	CTLA-4 Receptor Signaling for Lymphocyte Adhesion is Mediated by C3G and Rap1	Molecular and Cellular Biology	2010		µ-Slide 8 well	http://www.sciencedirect.com/science/article/B6TWB-50S8C07-4/2/d6eb9711c1dcfb9c88ba279342414cf2
1559	T. E. Kimura, A. J. Merritt, F. R. Lock, J. J. Eckert, T. P. Fleming and D. R. Garrod	Desmosomal adhesiveness is developmentally regulated in the mouse embryo and modulated during trophectoderm migration	Developmental Biology	2010	10.1371/journal.pone.0013725	µ-Slide 8 well	http://dx.doi.org/10.1371%2Fjournal.pone.0013725
1560	Y. Kam, A. Rubinstein, A. Nissan, D. Halle and E. Yavin	Detection of endogenous k-RAS mRNA in living cells at a single base resolution by a PNA molecular beacon	Molecular Pharmaceutics	2010	10.1128/JVI.02594-09	µ-Slide 8 well	http://jvi.asm.org/cgi/content/abstract/84/12/5860
1561	J. V. Fritz, P. Didier, J. P. Clamme, E. Schaub, D. Muriaux, C. Cabanne, N. Morellet, S. Bouaziz, J. L. Darlix and Y. Mély	Direct Vpr-Vpr Interaction in Cells monitored by two Photon Fluorescence Correlation Spectroscopy and Fluorescence Lifetime Imaging	Retrovirology	2010	10.4049/jimmunol.1001114	µ-Slide 8 well	http://www.jimmunol.org/cgi/content/abstract/185/9/5150
1562	Y. Kohl, E. Gorjup, A. Katsen-Globa, C. BÃ¼chel, H. von Briesen and H. Thielecke	Effect of gold nanoparticles on adipogenic differentiation of human mesenchymal stem cells	Journal of Nanoparticle Research	2010	10.1128/EC.00375-09	µ-Slide 8 well	http://ec.asm.org/cgi/content/abstract/9/5/774
1563	A. F. J. Beier, J. C. Schulz, D. Dörr, A. Katsen-Globa, A. Sachinidis, J. Hescheler and H. Zimmermann	Effective Surface-Based Cryopreservation of Human Embryonic Stem Cells by Vitrification	Cryobiology	2010	10.1042/BJ20101443	µ-Slide 8 well	http://www.biochemj.org/bj/433/bj4330527.htm

1564	T. Kang, C. Park, J. Choi, J. Cui and B. Lee	Effects of shear stress on the cellular distribution of polystyrene nanoparticles in a biomimetic microfluidic system	Journal of Drug Delivery Science and Technology	2010	10.1186/1471-2172-11-4	µ-Slide 8 well	http://74.125.155.132/scholar?q=cache:jk6x49j0g1AJ:scholar.google.com/+ibidi&hl=en&as_sdt=2000&as_ylo=2010
1565	A. Ben-Yehudah, C. White, C. S. Navara, C. A. Castro, D. Ize-Ludlow, B. Shaffer, M. Sukhwani, C. E. Mathews, J. R. Chaillet and S. F. Witchel	Evaluating Protocols for Embryonic Stem Cell Differentiation into Insulin-Secreting b-Cells Using Insulin II-GFP as a Specific and Noninvasive Reporter	CLONING AND STEM CELLS	2010	10.1111/j.1742-4658.2010.07619.x	µ-Slide 8 well	http://dx.doi.org/10.1111/j.1742-4658.2010.07619.x
1566	D. Althuon, F. Ronicke, D. Furniss, J. Quan, I. Wellhofer, N. Jung, U. Schepers and S. Brase	Functionalized triazolopeptoids - a novel class for mitochondrial targeted delivery	Organic & Biomolecular Chemistry	2010	10.1126/science.1181348	µ-Slide 8 well	http://www.haowomen.info/cgi/content/abstract/328/5978/593
1567	M. Kim, M. Lee, B. Kwon, M. Koo, G. Seon and J. Park	Golgi polarization plays a role in the directional migration of neonatal dermal fibroblasts induced by the direct current electric fields	Biochemical and Biophysical Research Communications	2010	10.1523/JNEUROSCI.5673-09.2010	µ-Slide 8 well	http://www.jneurosci.org/cgi/content/abstract/30/10/3675
1568	B. Jahrsdörfer, A. Vollmer, S. E. Blackwell, J. Maier, K. Sontheimer, T. Beyer, B. Mandel, O. Lunov, K. Tron, G. U. Nienhaus, T. Simmet, K. M. Debatin, G. J. Weiner and D. Fabricius	Granzyme B produced by human plasmacytoid dendritic cells suppresses T-cell expansion	Blood	2010	10.1007/s11064-010-0225-0	µ-Slide 8 well	http://www.springerlink.com/content/kq18705083m65263/
1569	S. Fuchs, L. Hsieh, W. Saarberg, C. Erdelmeier, T. Wichelhaus, L. Schaefer, E. Koch and R. Fürst	Haemanthus coccineus extract and its main bioactive component narciclasine display profound anti-inflammatory activities in vitro and in vivo	Journal of Cellular and Molecular Medicine	2010	10.1074/jbc.M109.055608	µ-Slide 8 well	http://www.jbc.org/cgi/content/abstract/285/27/20664
1570	E. Juengel, S. dos Santos, T. Schneider, J. Makarevic, L. Hudak, G. Bartsch, A. Haferkamp, C. Wiesner and R. Blaheta	HDAC inhibition suppresses bladder cancer cell adhesion to collagen under flow conditions	Experimental Biology and Medicine	2010	10.1126/scisignal.2001026	µ-Slide 8 well	http://stke.sciencemag.org/cgi/content/abstract/sigtrans;3/145/ra76

1571	J. Hur, J. I. Choi, J. Y. Yun, C. H. Yoon, J. H. Jang, S. G. Im, S. B. Ko, J. A. Kang, J. Park and S. E. Lee	Highly angiogenic CXCR4+CD31+ monocyte subset derived from 3D culture of human peripheral blood	Biomaterials	2010	10.1128/JVI.02554-09	µ-Slide 8 well	http://jvi.asm.org/cgi/content/abstract/JVI.02554-09v1
1572	A. S. Klymchenko, E. Roger, N. Anton, H. Anton, I. Shulov, J. Vermot, Y. Mely and T. F. Vandamme	Highly lipophilic fluorescent dyes in nano-emulsions: towards bright non-leaking nano-droplets	RSC Advances	2010	10.1371/journal.pone.0012249	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0012249
1573	J. V. Fritz, D. Dujardin, J. Godet, P. Didier, J. De Mey, J. L. Darlix, Y. Mely and H. de Rocquigny	HIV-1 Vpr Oligomerization but Not That of Gag Directs the Interaction between Vpr and Gag	Journal of Virology	2010	10.1016/j.cellsig.2009.11.001	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T2M-4XNN5HM-1&_user=616146&_coverDate=03%2F31%2F2010&_alid=1207418349&_rdoc=1&_fmt=high&_orig=search&_cdi=4922&_sort=r&_docanchor=&view=c&_ct=1&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=1a517e2b44365ecb3077a68c7681205e
1574	A. Broccolini, T. Gidaro, R. De Cristofaro, R. Morosetti, C. Gliubizzi, E. Ricci, P. A. Tonali and M. Mirabella	Hyposialylation of neprilysin possibly affects its expression and enzymatic activity in hereditary inclusion-body myopathy muscle	Journal of Neurochemistry	2010	10.1182/blood-2010-01-263533	µ-Slide 8 well	http://eprints.soton.ac.uk/79346/
1575	S. Kesel, A. Mader, C. Höfler, T. Mascher and M. Leisner	Immediate and Heterogeneous Response of the LiaFSR Two-Component System of Bacillus subtilis to the Peptide Antibiotic Bacitracin	PloS one	2010	10.1152/ajpgi.00178.2010	µ-Slide 8 well	http://ajpgi.physiology.org/cgi/content/abstract/299/4/G821
1576	H. Jeffery, R. Wheat, D. Blackbourn, G. Nash and L. Butler	Infection and transmission dynamics of rKSHV. 219 in primary endothelial cells	Journal of Virological Methods	2010	10.1038/nature09414	µ-Slide 8 well	http://www.nature.com/nature/journal/v467/n7316/full/nature09414.html
1577	Y. Kao, W. Hsu, H. Hu, S. Hsu, C. Lin, C. Chiu, C. Lu, T. Hour, Y. Pu and A. Huang	Involvement of p38 mitogen-activated protein kinase in acquired gemcitabine-resistant human urothelial carcinoma sublines	The Kaohsiung Journal of Medical Sciences	2010	10.1074/jbc.M110.101824	µ-Slide 8 well	http://www.jbc.org/cgi/content/abstract/285/11/8122
1578	M. Koziol, T. Sievers, K. Smuda, Y. Xiong, A. Müller, F. Wojcik, A. Steffen, M. Dathe, R. Georgieva and H. Bäumler	Kinetics and Efficiency of a Methyl-Carboxylated 5-Fluorouracil-Bovine Serum Albumin Adduct for Targeted Delivery	Macromolecular Bioscience	2010	10.1186/1471-2407-10-92.	µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2841144/
1579	B. Etemad, T. Kuijt and G. Kops	Kinetochore-microtubule attachment is sufficient to satisfy the human spindle assembly checkpoint	Nat Commun	2010	10.1371/journal.pone.0010836	µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2877099/

1580	I. Bultmann, A. Conradi, C. Kretschmer and A. Sterner-Kock	Latent Transforming Growth Factor ß-Binding Protein 4 Is Downregulated in Esophageal Cancer via Promoter Methylation	PLoS ONE	2010	10.1016/j.canlet.2010.02.022	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0304383510001321
1581	E. Flate and J. Stalvey	Motility of select ovarian cancer cell lines: Effect of extracellular matrix proteins and the involvement of PAK2	International journal of oncology	2010	10.1128/JVI.01441-10	µ-Slide 8 well	http://jvi.asm.org/cgi/content/abstract/84/22/11679
1582	P. Kelkar, A. Walter, S. Papadopoulos, C. Mroß, M. Munck, V. Peche and A. Noegel	Nesprin-2 mediated nuclear trafficking and its clinical implications	Nucleus	2010	10.1016/j.bbamem.2010.01.013	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TWB-4YTD7HB-2&_user=616146&_coverDate=07%2F31%2F2010&_rdoc=4&_fmt=high&_orig=browse&_srch=doc-info%28%23toc%235558%232010%23999689980%231914717%23FLA%23display%23Volume%29&_cdi=5558&_sort=d&_docanchor=&view=c&_ct=27&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=cef9e184a22006997334f938a4075cb0
1583	A. El-Asrar, G. Mohammad, G. De Hertogh, M. Nawaz, K. Van Den Eynde, M. Siddiquei, S. Struyf, G. Opdenakker and K. Geboes	Neurotrophins and neurotrophin receptors in proliferative diabetic retinopathy	PLoS ONE	2010	10.1371/journal.pone.0012798	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0012798
1584	E. Costa, V. Gaspar, P. Coutinho and I. Correia	Optimization of Liquid Overlay Technique to formulate heterogenic 3D co-cultures models	Biotechnology and Bioengineering	2010	10.1016/j.jhep.2010.04.023	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S0168827810005398
1585	S. R. Bond, N. Wang, L. Leybaert and C. C. Naus	Pannexin 1 Ohnologs in the Teleost Lineage	Journal of Membrane Biology	2010	10.1016/j.chembiol.2010.03.011	µ-Slide 8 well	http://www.sciencedirect.com/science/article/pii/S1074552110001225
1586	Y. Kim, J. Park, S. Kim, S. Song, S. K. Kwon, S. H. Lee, T. Kitada, J. M. Kim and J. Chung	PINK1 controls mitochondrial localization of Parkin through direct phosphorylation	Biochemical and Biophysical Research Communications	2010	10.1091/mbc.E10-03-0230	µ-Slide 8 well	http://www.molbiolcell.org/cgi/content/abstract/21/19/3409
1587	J. Kim, K. Park, J. Ishida, K. Kako, J. Hamada, S. Kani and M. Takeuchi	PRMT8 as a phospholipase regulates Purkinje cell dendritic arborization and motor coordination	Science Advances	2010	10.1016/j.ejpb.2010.04.008.	µ-Slide 8 well	http://www.sciencedirect.com/science/article/B6T6C-4YXP18G-1/2/66fa1daf9bad0aa399d952be93176cca
1588	G. Bastin and S. Heximer	Rab Family Proteins Regulate the Endosomal Trafficking and Function of RGS4	Journal of Biological Chemistry	2010	10.1042/BJ20091635	µ-Slide 8 well	http://www.biochemj.org/bj/428/bj4280169.htm

1589	J. Blohberger, L. Kunz, D. Einwang, U. Berg, D. Berg, S. R. Ojeda, G. A. Dissen, T. Frohlich, G. J. Arnold, H. Soreq, H. Lara and A. Mayerhofer	Readthrough acetylcholinesterase (AChE-R) and regulated necrosis: pharmacological targets for the regulation of ovarian functions[quest]	Cell Death Dis	2010	10.1016/j.biomaterials.2010.05.051	µ-Slide 8 well	
1590	D. Kasozi, F. Mohring, S. Rahlfs, A. Meyer and K. Becker	Real-Time Imaging of the Intracellular Glutathione Redox Potential in the Malaria Parasite Plasmodium falciparum	PLoS Pathogens	2010	10.1242/jcs.057919	µ-Slide 8 well	http://jcs.biologists.org/cgi/content/abstract/123/8/1320
1591	C. Kindblom, J. R. Davies, M. C. Herzberg, G. Svensäter and C. Wickström	Salivary proteins promote proteolytic activity in Streptococcus mitis biovar 2 and Streptococcus mutans	Molecular Oral Microbiology	2010	10.1093/nar/gkq1098	µ-Slide 8 well	http://nar.oxfordjournals.org/content/early/2010/11/03/nar.gkq1098.abstract
1592	W. Hübner, P. Chen, A. D. Portillo, Y. Liu, R. E. Gordon and B. K. Chen	Sequence of Human Immunodeficiency Virus Type 1 (HIV-1) Gag Localization and Oligomerization Monitored with Live Confocal Imaging of a Replication-Competent, Fluorescently Tagged HIV-1	Journal of Virology	2010	10.1128/AEM.02326-10	µ-Slide 8 well	http://aem.asm.org/cgi/content/abstract/AEM.02326-10v1
1593	F. Baschieri, S. Confalonieri, G. Bertalot, P. Di Fiore, W. Dietmaier, M. Leist, P. Crespo, I. Macara and H. Farhan	Spatial control of Cdc42 signalling by a GM130–RasGRF complex regulates polarity and tumorigenesis	Nat Commun	2010	10.1074/jbc.M109.093310	µ-Slide 8 well	http://www.jbc.org/content/early/2010/03/31/jbc.M109.093310.full.pdf
1594	S. Jansen, A. Collins, L. Golden, O. Sokolova and B. Goode	Structure and mechanism of mouse cyclase-associated protein (CAP1) in regulating actin dynamics	Journal of Biological Chemistry	2010		µ-Slide 8 well	
1595	P. Céspedes, S. Bueno, B. Ramírez and R. Gomez	Surface expression of the hRSV nucleoprotein impairs immunological synapse formation with T cells	Proceedings of the National Academy of Sciences	2010		µ-Slide 8 well	http://ar.iiarjournals.org/cgi/content/abstract/30/11/4587
1596	M. Frangini, E. Franzolin, F. Chemello, P. Laveder, C. Romualdi, V. Bianchi and C. Rampazzo	Synthesis of mitochondrial DNA precursors during myogenesis, an analysis in purified C2C12 myotubes	Journal of Biological Chemistry	2010	10.1016/j.biomaterials.2009.09.102	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TWB-4XJ13SK-3&_user=616146&_coverDate=02%2F28%2F2010&_alid=1207437247&_rdoc=1&_fmt=high&_orig=search&_cdi=5558&_sort=r&_docanchor=&view=c&_ct=5&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=b004c6e756082e175159e892134f6bee

1597	A. Johnsson, Y. Dai, M. Nobis, M. Baker, E. McGhee, S. Walker, J. Schwarz, S. Kadir, J. Morton and K. Myant	The Rac-FRET Mouse Reveals Tight Spatiotemporal Control of Rac Activity in Primary Cells and Tissues	Cell Reports	2010	10.1039/B922124G	µ-Slide 8 well	http://pubs.rsc.org/en/Content/ArticleLanding/2010/AN/b922124g
1598	J. H. Kim, S. H. Oh, E. J. Kim, S. J. Park, S. P. Hong, J. H. Cheon, T. I. Kim and W. H. Kim	The role of myofibroblasts in upregulation of S100A8 and S100A9 and the differentiation of myeloid cells in the colorectal cancer microenvironment	Biochemical and Biophysical Research Communications	2010	10.1016/j.bbamem.2010.01.013	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T1T-4Y7P6YJ-1&_user=616146&_coverDate=01%2F25%2F2010&_alid=1314179887&_rdoc=1&_fmt=high&_orig=search&_cdi=4899&_sort=r&_docanchor=&view=c&_ct=2&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=e7db377b289890852f9ea16f747e3d0c
1599	C. Jones, L. Liang, D. Lin, Y. Jiao and B. Sun	The spatial-temporal characteristics of type I collagen-based extracellular matrix	Soft Matter	2010	10.1038/cddis.2010.26	µ-Slide 8 well	http://www.nature.com/cddis/journal/v1/n6/abs/cddis201026a.html
1600	M. Khan, C. Borde, E. Rocha, V. Mériaux, V. Maréchal, P. Escoll, S. Goyard, J. Cavaillon, B. Manoury and N. Doyen	TLR9 Activation Is Triggered by the Excess of Stimulatory versus Inhibitory Motifs Present in Trypanosomatidae DNA	PLoS neglected tropical diseases	2010	10.1371/journal.pone.0009516	µ-Slide 8 well	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0009516
1601	A. Katsen-Globa, I. Meiser, Y. Petrenko, R. Ivanov, V. Lozinsky, H. Zimmermann and A. Petrenko	Towards ready-to-use 3-D scaffolds for regenerative medicine: adhesion-based cryopreservation of human mesenchymal stem cells attached and spread within alginate–gelatin cryogel scaffolds	Journal of Materials Science: Materials in Medicine	2010	10.1242/jcs.059329	µ-Slide 8 well	http://jcs.biologists.org/cgi/content/abstract/123/7/1073
1602	J. Blechinger, A. Bauer, A. Torrano, C. Gorzelanny, C. Bräuchle and S. Schneider	Uptake kinetics and nanotoxicity of silica nanoparticles are cell type dependent	Small	2010	10.1038/nmeth.1521	µ-Slide 8 well	http://www.nature.com/nmeth/journal/vaop/ncurrent/full/nmeth.1521.html
1603	M. Knyazhitsky, E. Moas, E. Shaginov, A. Luria and A. Braiman	Vav1 Oncogenic Mutation Inhibits T Cell Receptor-induced Calcium Mobilization through Inhibition of Phospholipase Cγ1 Activation	Journal of Biological Chemistry	2010	10.1128/JVI.00902-10	µ-Slide 8 well	http://jvi.asm.org/cgi/content/abstract/84/17/8460
1604	T. Kröcher, I. Röckle, U. Diederichs, B. Weinhold, H. Burkhardt, Y. Yanagawa, R. Gerardy-Schahn and H. Hildebrandt	A crucial role for polysialic acid in developmental interneuron migration and the establishment of interneuron densities in the mouse prefrontal cortex	Development	2010		µ-Slide Angiogenesis	http://74.125.155.132/scholar?q=cache:jW3SIL0luNoJ:scholar.google.com/+ibidi&hl=en&as_sdt=2000&as_ylo=2010

1605	A. Fukui, Y. Naito, O. Handa, M. Kugai, T. Tsuji, H. Yoriki, Y. Qin, S. Adachi, Y. Higashimura, K. Mizushima, K. Kamada, K. Katada, K. Uchiyama, T. Ishikawa, T. Takagi, N. Yagi, S. Kokura and T. Yoshikawa	Acetyl salicylic acid induces damage to intestinal epithelial cells by oxidation-related modifications of ZO-1		2010	10.1096/fj.09-153452.	µ-Slide Angiogenesis	http://www.fasebj.org/cgi/content/abstract/fj.09-153452v1
1606	S. Kroening and M. Goppelt-Struebe	Analysis of Matrix-Dependent Cell Migration with a Barrier Migration Assay	Sci. Signal.	2010	10.1038/onc.2010.433	µ-Slide Angiogenesis	http://www.nature.com/onc/journal/vaop/ncurrent/full/onc2010433a.html
1607	T. Franke and A. Wixforth	Das Labor auf dem Chip	Physik in unserer Zeit	2010	10.1111/j.1476-5381.2010.00818.x	µ-Slide Angiogenesis	http://onlinelibrary.wiley.com/doi/10.1111/j.1476-5381.2010.00818.x/full
1608	R. Kumar, M. Sadowski, C. Levrier, C. Nelson, A. Jones, J. Holleran, V. Avery, P. Healy and R. Davis	Design and Synthesis of a Screening Library Using the Natural Product Scaffold 3-Chloro-4-hydroxyphenylacetic Acid	Journal of Natural Products	2010	10.1248/bpb.33.622	µ-Slide Angiogenesis	http://www.jstage.jst.go.jp/article/bpb/33/4/33_622/_article
1609	C. Lachaud, D. Pezzolla, A. Domínguez-Rodríguez, T. Smani, B. Soria and A. Hmadcha	Functional Vascular Smooth Muscle-like Cells Derived from Adult Mouse Uterine Mesothelial Cells	PloS one	2010	10.1016/j.actbio.2010.02.037	µ-Slide Angiogenesis	
1610	I. Kuo, C. Wu, J. Chang, Y. Huang, C. Lin, J. Yan, B. Sheu, P. Lu, W. Chang and W. Lai	Low SOX17 expression is a prognostic factor and drives transcriptional dysregulation and esophageal cancer progression	International Journal of Cancer	2010	10.1093/cvr/cvq012	µ-Slide Angiogenesis	http://cardiovascres.oxfordjournals.org/content/86/3/506.abstract
1611	M. Kujawinska, W. Krauze, A. Kus, J. Kostencka, T. Kozacki, B. Kemper and M. Dudek	Problems and Solutions in 3-D Analysis of Phase Biological Objects by Optical Diffraction Tomography	International Journal of Optomechatronics	2010	10.1371/journal.pone.0010431.	µ-Slide Angiogenesis	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2862707/
1612	S. Choi and Y. Kim	The potential of naturally occurring lasing for biological and chemical sensors	Biomedical Engineering Letters	2010	10.1007/s12015-010-9144-3	µ-Slide Angiogenesis	http://www.springerlink.com/content/m46p968785848068/
1613	C.-H. Kuo, P.-K. Chen, B.-I. Chang, M.-C. Sung, C.-S. Shi, J.-S. Lee, C.-F. Chang, G.-Y. Shi and H.-L. Wu	The recombinant lectin-like domain of thrombomodulin inhibits angiogenesis through interaction with Lewis Y antigen	Blood	2010	10.1128/JVI.02651-09	µ-Slide Angiogenesis	http://jvi.asm.org/cgi/content/abstract/JVI.02651-09v1
1614	M. Layton, N. Rynkiewicz, I. Ivetac, K. Horan, C. Mitchell and W. Phillips	Assessing the subcellular distribution of oncogenic phosphoinositide 3-kinase using microinjection into live cells	Bioscience Reports	2010	10.1074/jbc.M109.083725	µ-Slide Chemotaxis 2D	http://www.jbc.org/cgi/content/abstract/285/12/9249

1615	R. I. Dmitriev, H. Ropiak, G. Ponomarev, D. V. Yashunsky and D. B. Papkovsky	Cell-Penetrating Conjugates of Coproporphyrins with Oligoarginine Peptides: Rational Design and Application for Sensing Intracellular O2	Bioconjugate Chemistry	2010	10.1073/pnas.0911986107	µ-Slide Chemotaxis 2D	http://www.pnas.org/cgi/content/abstract/107/27/12145
1616	M. Lauriola, Y. Enuka, A. Zeisel, G. D'Uva, L. Roth, M. Sharon-Sevilla, M. Lindzen and K. Sharma	Diurnal suppression of EGFR signalling by glucocorticoids and implications for tumour progression and treatment	Nat Commun	2010	10.1016/j.molimm.2010.04.011	µ-Slide Chemotaxis 2D	http://www.sciencedirect.com/science/article/B6T9R-504CN9C-1/2/94552bfd7e52965a014717b057a331c6
1617	E. Costa, V. Gaspar, J. Marques, P. Coutinho and I. Correia	Evaluation of Nanoparticle Uptake in Co-culture Cancer Models	PLoS ONE	2010	10.4049/jimmunol.0903449	µ-Slide Chemotaxis 2D	http://www.jimmunol.org/cgi/content/abstract/185/3/1466
1618	G. Lawrence, J. Wang, M. Brin, K. Aoki, L. Wheeler and J. Dolly	Fusion of Golgi-derived vesicles mediated by SNAP-25 is essential for sympathetic neuron outgrowth but relatively insensitive to botulinum neurotoxins in vitro	FEBS Journal	2010	10.1371/journal.pone.0009378	µ-Slide Chemotaxis 2D	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0009378
1619	D. Lázaro, E. Rodrigues, R. Langohr, H. Shahpasandzadeh, T. Ribeiro, P. Guerreiro, E. Gerhardt, K. Kröhnert, J. Klucken and M. Pereira	Systematic Comparison of the Effects of Alpha-synuclein Mutations on Its Oligomerization and Aggregation	PLoS genetics	2010	10.1016/j.cellsig.2009.11.005	µ-Slide Chemotaxis 2D	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T2M-4XPP12C-1&_user=616146&_coverDate=03%2F31%2F2010&_alid=1207414399&_rdoc=4&_fmt=high&_orig=search&_cdi=4922&_docanchor=&view=c&_ct=8&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=354345ae79d9b85847bd8933c92360f4
1620	T. Lau, V. Proissl, J. Ziegler and P. Schloss	Visualization of neurotransmitter uptake and release in serotonergic neurons	Journal of Neuroscience Methods	2010	10.1126/scisignal.2000588	µ-Slide Chemotaxis 2D	http://stke.sciencemag.org/cgi/content/abstract/sigtrans;3/132/ra55
1621	Y. Fukumoto, S. Kurita, Y. Takai and H. Ogita	Role of the scaffold protein ADIP in platelet-derived growth factor-induced cell movement by activating Rac through Vav2	Journal of Biological Chemistry	2010	10.1074/jbc.M110.126177	µ-Slide Chemotaxis 2D, µ-Slide Angiogenesis	http://www.jbc.org/content/285/46/35932.abstract
1622	S. Lee, L. Mortensen, C. Lin and C. Tung	An authentic imaging probe to track cell fate from beginning to end	Nat Commun	2010	10.1117/1.3377960	µ-Slide I	http://spiedl.aip.org/getabs/servlet/GetabsServlet?prog=normal&id=JBOPFO000015000002026021000001&idtype=cvips&gifs=yes
1623	N. Cockcroft, O. Oke, F. Cunningham, E. Bishop, I. M. Fearon, R. Zantl and M. D. Gaça	An In Vitro Perfusion System to Examine the Responses of Endothelial Cells to Simulated Flow and Inflammatory Stimulation	ATLA	2010	10.3791/2061	µ-Slide I	http://www.jove.com/video/2061/visualizing-cell-to-cell-transfer-hiv-using-fluorescent-clones-hiv

1624	J. H. Lee, H. L. Kim, M. H. Lee, K. E. You, B. J. Kwon, H. J. Seo and J. C. Park	Asiaticoside enhances normal human skin cell migration, attachment and growth< i> in vitro</i> wound healing model	Phytomedicine	2010	10.1116/1.3319326	µ-Slide I	http://dx.doi.org/10.1116/1.3319326
1625	W. K. Lee, B. Torchalski and F. Thevenod	Cadmium-induced ceramide formation triggers calpain-dependent apoptosis in cultured kidney proximal tubule cells	American Journal of Physiology-Cell Physiology	2010	10.1039/b917497d	µ-Slide I	http://www.rsc.org/publishing/journals/SM/article.asp?doi=b917497d
1626	C. Leeb, C. Eresheim and J. Nimpf	Clusterin is a ligand for ApoER2 and VLDL receptor and signals via the Reelin-signalling pathway	Journal of Biological Chemistry	2010	10.1089/ten.tea.2009.0728.	µ-Slide I	http://www.liebertonline.com/doi/abs/10.1089/ten.tea.2009.0728?cookieSet=1&journalCode=tea
1627	V. Lee, D. Kim, H. Ngo, Y. Lee, L. Seo, S. Yoo, P. Vincent and G. Dai	Creating perfused functional vascular channels using 3D bio-printing technology	Biomaterials	2010	10.1002/stem.280	µ-Slide I	http://onlinelibrary.wiley.com/doi/10.1002/stem.280/abstract
1628	H. Lee, W. Leong, S. Top and A. Vessières	Cytotoxic Triosmium Carbonyl Clusters: A Structure–Activity Relationship Study	ChemMedChem	2010	10.1016/j.bios.2010.05.020	µ-Slide I	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TFC-504126M-5&_user=616146&_coverDate=05%2F19%2F2010&_alid=1371487238&_rdoc=1&_fmt=high&_orig=search&_cdi=5223&_sort=r&_docanchor=&view=c&_ct=1&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=222131951066edbd7bc4377aa9990e94
1629	H. Lee, S. Oh, K. Lee, Y. Lee, E. Ko, K. Kim, H. Kim, S. Kim, P. Song, Y. Kim, C. Kim and S. Han	Gln362 of Angiopoietin-2 Mediates Migration of Tumor and Endothelial Cells through Association with alpha5beta1 Integrin	Journal of Biological Chemistry	2010	10.1111/j.1600-0625.2010.01073.x	µ-Slide I	http://www3.interscience.wiley.com/journal/123349055/abstract
1630	H. Lee, S. Oh, K. Lee and Y. Lee	Gln-362 of Angiopoietin-2 Mediates Migration of Tumor and Endothelial Cells through Association with alpha5beta1 Integrin	J Biol Chem	2010	10.1016/j.cell.2010.11.035	µ-Slide I	http://www.sciencedirect.com/science/article/pii/S0092867410013577
1631	Y. Lee, D. Lee, D. Yu, S. Kim and Y. Lee	Helicobacter pylori Induces Cell Migration and Invasion Through Casein Kinase 2 in Gastric Epithelial Cells	Helicobacter	2010	10.1038/ni.1848	µ-Slide I	http://www.nature.com/ni/journal/vaop/ncurrent/full/ni.1848.html
1632	L. Armon, I. Ben-Ami, R. Ron-El and M. Eisenbach	Human oocyte-derived sperm chemoattractant is a hydrophobic molecule associated with a carrier protein	Fertility and Sterility	2010	10.1088/0953-8984/22/28/285102	µ-Slide I	http://stacks.iop.org/0953-8984/22/i=28/a=285102

1633	L. E. Chávez de Paz	Image Analysis Software Based on Color Segmentation for Characterization of Viability and Physiological Activity of Biofilms	Applied and Environmental Microbiology	2010	10.1182/blood-2010-05-284513	µ-Slide I	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/bloodjournal;blood-2010-05-284513v1
1634	S. Lee, J. Yang, S. Kim, H. Jeong, J. Lee, W. Kim, E. Lee and H. Kim	MicroRNA-26a induced by hypoxia targets HDAC6 in myogenic differentiation of embryonic stem cells	Nucleic Acids Research	2010	10.4049/jimmunol.0903131	µ-Slide I	http://www.jimmunol.org/cgi/content/abstract/184/8/4497
1635	J. Lee, S. L. Veatch, B. Baird and D. Holowka	Molecular mechanisms of spontaneous and directed mast cell motility	Journal of Leukocyte Biology	2010	10.1096/fj.09-148700	µ-Slide I	http://www.fasebj.org/cgi/content/abstract/fj.09-148700v1
1636	H. Lee, J. Ryu, Y. Jung, S. Oh, S. Lee and H. Han	Novel Pathway for Hypoxia-Induced Proliferation and Migration in Human Mesenchymal Stem Cells: Involvement of HIF-1alpha, FASN, and mTORC1	STEM CELLS	2010	10.1158/0008-5472.CAN-09-3414	µ-Slide I	http://cancerres.aacrjournals.org/cgi/content/abstract/70/11/4590
1637	J. Lee, C. Bartholomeusz, S. Krishnamurthy, P. Liu, H. Saso, T. LaFortune, G. Hortobagyi and N. Ueno	PEA-15 unphosphorylated at both serine 104 and serine 116 inhibits ovarian cancer cell tumorigenicity and progression through blocking Î²-catenin	Oncogenesis	2010	10.1016/j.yexcr.2010.07.010	µ-Slide I	
1638	J. Lee, E. Kang, J. Lee, J. Kim, K. Lee, J. Han, H. Kang, S. Ahn, Y. Oh and D. Shin	Protein grafting of p53TAD onto a leucine zipper scaffold generates a potent HDM dual inhibitor	Nature communications	2010	10.1189/jlb.0509366	µ-Slide I	http://www.jleukbio.org/cgi/content/abstract/jlb.0509366v1
1639	J. da Silva, F. Lautenschläger, C. H. R. Kuo, J. Guck and E. Sivaniah	3D inverted colloidal crystals in realistic cell migration assays for drug screening applications	Integr. Biol.	2010	10.1074/jbc.M109.049650	µ-Slide I Luer	http://www.jbc.org/cgi/content/abstract/285/7/4328
1640	R. Lefebvre, C. Legrand, L. Groom, R. T. Dirksen and V. Jacquemond	Ca2+ Release in Muscle Fibers Expressing R4892W and G4896V Type 1 Ryanodine Receptor Disease Mutants	PLoS ONE	2010	10.1182/blood-2009-06-228726.	µ-Slide I Luer	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/115/12/2533
1641	A. C. Leeder and G. Turner	Characterisation of Aspergillus nidulans polarisome component BemA	Fungal Genetics and Biology	2010	10.1182/blood-2009-12-257444	µ-Slide I Luer	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/116/12/2152
1642	S. Lelu, S. P. Strand, J. Steine and C. L. Davies	Effect of PEGylation on the diffusion and stability of chitosan-DNA polyplexes in collagen gels	Biomacromolecules	2010	10.1158/1541-7786.MCR-09-0453	µ-Slide I Luer	http://mcr.aacrjournals.org/cgi/content/abstract/8/10/1297

1643	B. Lenoir, D. Wagner, S. Blacher, G. Sala-Newby, A. Newby, A. Noel and Y. Devaux	Effects of Adenosine on Lymphangiogenesis	PLOS ONE	2010	10.1016/j.jbiomech.2009.11.029	µ-Slide I Luer	http://www.jbiomech.com/article/S0021-9290%2809%2900678-2/abstract
1644	G. Baier, S. Winzen, C. Messerschmidt, D. Frank, M. Fichter, S. Gehring, V. Mailaender and K. Landfester	Heparin-Based Nanocapsules as Potential Drug Delivery Systems	Macromolecular Bioscience	2010	10.1016/j.thromres.2010.11.010	µ-Slide I Luer	
1645	W. Leung, Q. Vong, W. Lin, L. Janke, T. Chen and W. Leung	Modulation of NKG2D ligand expression and metastasis in tumors by spironolactone via RXR-gamma activation	The Journal of experimental medicine	2010	10.1016/j.biomaterials.2010.12.025	µ-Slide I Luer	
1646	M. De Paola, A. Mariani, P. Bigini, M. Peviani, G. Ferrara, M. Molteni, S. Gemma, P. Veglianese, V. Castellaneta and V. Boldrin	Neuroprotective Effects of Toll-Like Receptor 4 Antagonism in Spinal Cord Cultures and in a Mouse Model of Motor Neuron Degeneration	MOL MED	2010	10.1182/blood-2009-06-229203	µ-Slide I Luer	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/115/8/1640
1647	A. Leinenweber, J.-P. Machtens, B. Begemann and C. Fahlke	Regulation of Glial Glutamate Transporters by C-terminal Domains	J. Biol. Chem.	2010	10.1136/gut.2010.220913	µ-Slide I Luer	http://gut.bmj.com/content/early/2010/11/26/gut.2010.220913.abstract
1648	T. Levin, A. Greaney, L. Wetzel, N. King and A. Sánchez Alvarado	The rosetteless gene controls development in the choanoflagellate S. rosetta	eLife	2010	10.1016/j.ultrasmedbio.2010.04.006	µ-Slide I Luer	
1649	M. Dahl, P. Bouchelouche, G. Kramer-Marek, J. Capala, J. Nordling and K. Bouchelouche	Sarcosine induces increase in HER2/neu expression in androgen-dependent prostate cancer cells	Molecular biology reports	2010	10.1021/nl102485v	µ-Slide I Luer, µ-Slide 8 well	http://dx.doi.org/10.1021/nl102485v
1650	I. Azoulay-Alfaguter, M. Strazza, A. Pedoeem and A. Mor	The coreceptor programmed death 1 inhibits T-cell adhesion by regulating Rap1	Journal of Allergy and Clinical Immunology	2010	10.1038/ncb2117	µ-Slide I Luer, µ-Slide VI 0.4	http://www.nature.com/ncb/journal/v12/n11/full/ncb2117.html
1651	J. Liebl, S. B. Weitensteiner, G. Vereb, L. Takacs, R. Fürst, A. M. Vollmar and S. Zahler	Cyclin-dependent Kinase 5 Regulates Endothelial Cell Migration and Angiogenesis	Journal of Biological Chemistry	2010	10.1002/btpr.354	µ-Slide V	http://onlinelibrary.wiley.com/doi/10.1002/btpr.354/abstract
1652	M. Lupi, C. Colombo and R. Frapolli	A biodistribution study of PEGylated PCL-based nanoparticles in C57BL/6 mice bearing B16/F10 melanoma	Nanotechnology	2010	10.1111/j.1365-2443.2010.01450.x	µ-Slide VI 0.4	http://dx.doi.org/10.1111/j.1365-2443.2010.01450.x
1653	L. M. Maestro, P. Haro-González, J. G. Coello and D. Jaque	Absorption efficiency of gold nanorods determined by quantum dot fluorescence thermometry	Applied Physics Letters	2010	10.1371/journal.pone.0015090	µ-Slide VI 0.4	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0015090

1654	J. Edwards-Smallbone, R. J. Pleass, N. A. Khan and R. J. Flynn	Acanthamoeba interactions with the blood-brain barrier under dynamic fluid flow	Experimental Parasitology	2010	10.1182/blood-2010-06-289140.	µ-Slide VI 0.4	http://bloodjournal.hematologylibrary.org/content/117/12/3331.abstract?sid=af6176df-6454-4cb8-be3a-5a3a4e1e61b7
1655	M.-K. Lu, P.-H. Chen, Y.-W. Shih, Y.-T. Chang, E.-T. Huang, C.-R. Liu and P.-S. Chen	alpha-Chaconine Inhibits Angiogenesis in Vitro by Reducing Matrix Metalloproteinase-2	Biological & Pharmaceutical Bulletin	2010	10.1160/TH09-10-0740	µ-Slide VI 0.4	http://www.schattauer.de/en/magazine/subject-areas/journals-a-z/thrombosis-and-haemostasis/contents/archive/issue/1110/manuscript/13273.html
1656	S. Baertschi, N. Baur, V. Lueders-Lefevre, J. Voshol and H. Keller	Class I and IIa Histone Deacetylases Have Opposite Effects on Sclerostin Gene Regulation	Journal of Biological Chemistry	2010	10.1128/EC.00307-09	µ-Slide VI 0.4	http://ec.asm.org/cgi/content/abstract/9/2/278
1657	S. Majeed, L. Vasudevan, C. Chen, Y. Luo, J. Torres, T. Evans, A. Sharkey, A. Foraker, N. Wong and C. Esk	Clathrin light chains are required for the gyrating-clathrin recycling pathway and thereby promote cell migration	Nature Communications	2010	10.1097/SHK.0b013e3181e46ee0	µ-Slide VI 0.4	http://journals.lww.com/shockjournal/Abstract/publishahead/Heme_Oxygenase_1_Suppresses_the_Infiltration_of.99314.aspx
1658	D. Böhme and A. Beck-Sickinger	Controlling Toxicity of Peptide–Drug Conjugates by Different Chemical Linker Structures	ChemMedChem	2010	10.1111/j.1398-9995.2009.02253.x	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1111/j.1398-9995.2009.02253.x/abstract
1659	V. Magdanz, S. Sanchez and O. Schmidt	Development of a Sperm-Flagella Driven Micro-Bio-Robot	Advanced Materials	2010	10.1161/CIRCRESAHA.110.216747	µ-Slide VI 0.4	http://circres.ahajournals.org/cgi/content/abstract/106/11/1731
1660	S. Coelho, S. Rocha, P. Sampaio, M. Pereira and M. Coelho	Encapsulation of a proteasome inhibitor with gold-polysaccharide nanocarriers	Journal of Nanoparticle Research	2010	10.1016/j.ymeth.2010.06.018	µ-Slide VI 0.4	
1661	J. Luo, R. Uprety, Y. Naro, C. Chou, D. Nguyen, J. Chin and A. Deiters	Genetically Encoded Optochemical Probes for Simultaneous Fluorescence Reporting and Light Activation of Protein Function with Two-Photon Excitation	Journal of the American Chemical Society	2010	10.1182/blood-2009-08-238709	µ-Slide VI 0.4	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/115/23/4834
1662	T. Lin, Y. Liu, Y. Chan, C. Su, Y. Lin, S. Hsu, C. Yang and M. Hsiao	Ghrelin promotes renal cell carcinoma metastasis via Snail activation and is associated with poor prognosis	The Journal of Pathology	2010	10.1111/j.1365-313X.2010.04272.x	µ-Slide VI 0.4	http://onlinelibrary.wiley.com/doi/10.1111/j.1365-313X.2010.04272.x/abstract;jsessionid=088B567B3B2A5FB682978168EE9BB23E.d03t02
1663	M. Loew, R. Springer, S. Scolari, F. Altenbrunn, O. Seitz, J. Liebscher, D. Huster, A. Herrmann and A. Arbuzova	Lipid Domain Specific Recruitment of Lipophilic Nucleic Acids: A Key for Switchable Functionalization of Membranes	JACS	2010	10.1073/pnas.1005743107	µ-Slide VI 0.4	http://www.pnas.org/cgi/content/abstract/107/36/15880

1664	L. Lin, C. Li, W. Wang, W. Yang, D. Wang, W. Chang, W. Lee and J. Wang	Loss of ZBRK1 Contributes to the Increase of KAP1 and Promotes KAP1-Mediated Metastasis and Invasion in Cervical Cancer	PloS one	2010	10.1016/j.vaccine.2010.05.004	µ-Slide VI 0.4	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TD4-5032NPC-1&_user=616146&_coverDate=05%2F15%2F2010&_alid=1371437933&_rdoc=1&_fmt=high&_orig=search&_cdi=5188&_sort=r&_docanchor=&view=c&_ct=1&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=1bafa3f7a0b00d9a9c4b7331958f850c
1665	R. Chalamalasetty, R. Garriock, W. Dunty, M. Kennedy, P. Jailwala, H. Si and T. Yamaguchi	Mesogenin 1 is a master regulator of paraxial presomitic mesoderm differentiation	Development	2010	10.1016/j.bbalip.2011.01.001	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S1388198111000035
1666	O. Lunov, V. Zablotskii, T. Syrovets, C. Röcker, K. Tron, G. U. Nienhaus and T. Simmet	Modeling receptor-mediated endocytosis of polymer-functionalized iron oxide nanoparticles by human macrophages	Biomaterials	2010	10.1002/jbio.200900102	µ-Slide VI 0.4	http://www3.interscience.wiley.com/journal/123323223/abstract
1667	L. Bonet-Ponce, S. Saez-Atienzar, C. da Casa, M. Flores-Bellver, J. M. Barcia, J. Sancho-Pelluz, F. Romero, J. Jordan and M. Galindo	On the mechanism underlying ethanol-induced mitochondrial dynamic disruption and autophagy response	Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease	2010	10.1186/1743-8977-7-17	µ-Slide VI 0.4	http://www.particleandfibretoxicology.com/content/7/1/17
1668	S. Badrnya, L. M. Butler, C. Söderberg-Naucler, I. Volf and A. Assinger	Platelets directly enhance neutrophil transmigration in response to oxidised low-density lipoprotein	Thrombosis and Haemostasis	2010	10.1243/09544119jeim751	µ-Slide VI 0.4	http://pih.sagepub.com/content/224/12/1509.abstract
1669	J. Lopez, M. Jenkins, J. Rudd-Schmidt, A. Brennan, J. Danne, S. Mannering, J. Trapani and I. Voskoboinik	Rapid and Unidirectional Perforin Pore Delivery at the Cytotoxic Immune Synapse	The Journal of Immunology	2010	10.1016/j.cellsig.2010.06.013	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0898656810001786
1670	W.-L. Lin, C.-F. Chang, C.-S. Shi, G.-Y. Shi and H.-L. Wu	Recombinant Lectin-Like Domain of Thrombomodulin Suppresses Vascular Inflammation by Reducing Leukocyte Recruitment via Interacting with Lewis Y on Endothelial Cells	Arteriosclerosis, Thrombosis, and Vascular Biology	2010	10.1182/blood-2009-07-233692	µ-Slide VI 0.4	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/115/22/4497
1671	A. Bonnot, E. Guiot, R. Hepp, L. Cavellini, L. Tricoire and B. Lambolez	Single-fluorophore biosensors based on conformation-sensitive GFP variants	The FASEB Journal	2010	10.1182/blood-2009-11-254029	µ-Slide VI 0.4	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/115/19/3980

1672	D. Maiguel, M. H. Faridi, C. Wei, Y. Kuwano, K. M. Balla, D. Hernandez, C. J. Barth, G. Lugo, M. Donnelly, A. Nayer, L. F. Moita, S. Schurer, D. Traver, P. Ruiz, R. I. Vazquez-Padron, K. Ley, J. Reiser and V. Gupta	Small Molecule-Mediated Activation of the Integrin CD11b/CD18 Reduces Inflammatory Disease	Sci. Signal.	2010	10.4049/jimmunol.1001648	µ-Slide VI 0.4	http://www.jimmunol.org/cgi/content/abstract/185/10/6294
1673	O. Lunov, T. Syrovets, B. Büchele, X. Jiang, C. Röcker, K. Tron, G. U. Nienhaus, P. Walther, V. Mailänder and K. Landfester	The effect of carboxydextran-coated superparamagnetic iron oxide nanoparticles on c-Jun N-terminal kinase-mediated apoptosis in human macrophages	Biomaterials	2010	10.1016/j.bmc.2010.07.014	µ-Slide VI 0.4	
1674	A. P. Liou, X. Lu, Y. Sei, X. Zhao, S. Pechhold, R. J. Carrero, H. E. Raybould and S. Wank	The G protein-coupled receptor GPR40 directly mediates long chain fatty acid-induced secretion of cholecystokinin	Gastroenterology	2010	10.1007/s11307-010-0444-4	µ-Slide VI 0.4	http://www.springerlink.com/content/v08772p1g6861012/
1675	O. Lindemann, C. Strodthoff, M. Horstmann, N. Nielsen, F. Jung, S. Schimmelpfennig, M. Heitzmann and A. Schwab	TRPC1 regulates fMLP-stimulated migration and chemotaxis of neutrophil granulocytes	Biochimica et Biophysica Acta (BBA) - Molecular Cell Research	2010	10.1016/j.bpj.2010.04.048	µ-Slide VI 0.4	https://blog.espci.fr/vviasnof/files/2010/11/chiaruttini-BJ-2010.pdf
1676	O. Lindemann, D. Umlauf, S. Frank, S. Schimmelpfennig, J. Bertrand, T. Pap, P. Hanley, A. Fabian, A. Dietrich and A. Schwab	TRPC6 regulates CXCR2-mediated chemotaxis of murine neutrophils	The Journal of Immunology	2010	10.1099/vir.0.018580-0	µ-Slide VI 0.4	http://jgv.sgmjournals.org/cgi/content/abstract/91/6/1524
1677	A. Fullar, I. Kovalszky, M. Bitsche, A. Romani, V. H. Schartinger, G. M. Sprinzl, H. Riechelmann and J. DudÃ¡s	Tumor cells and carcinoma-associated fibroblasts interaction regulates matrix metalloproteinases and their inhibitors in oral squamous cell carcinoma	Experimental Cell Research	2010	10.1099/vir.0.018580-0	µ-Slide VI 0.4	http://vir.sgmjournals.org/cgi/content/abstract/91/6/1524
1678	Y. Lin, Y. Lee, L. Li, C. Cheng and R. Yang	Tumor suppressor SCUBE2 inhibits breast-cancer cell migration and invasion through the reversal of epithelial–mesenchymal transition	Journal of cell science	2010	10.1136/thx.2010.150953.4	µ-Slide VI 0.4	http://thorax.bmj.com/content/65/Suppl_4/A69
1679	J. Liu, C.-H. Chau, H. Liu, B. R. Jang, X. Li, Y.-S. Chan and D. K. Y. Shum	Upregulation of chondroitin 6-sulphotransferase-1 facilitates Schwann cell migration during axonal growth	J. Cell Sci.	2010	10.4049/jimmunol.1002246	µ-Slide VI 0.4	http://www.jimmunol.org/cgi/content/abstract/185/12/7394

1680	R. Maldonado, R. Wei, S. C. Kachlany, M. Kazi and N. V. Balashova	Cytotoxic effects of Kingella kingae outer membrane vesicles on human cells	Microbial Pathogenesis	2010	10.1021/ja105714r0002-7863	µ-Slide VI 0.4, µ-Dish 35 mm	http://dx.doi.org/10.1021/ja105714r
1681	G. Malet-Engra, J. Viaud, L. Ysebaert, M. Farcé, F. Lafouresse, G. Laurent, F. Gaits-Iacovoni, G. Scita and L. Dupré	CIP4 Controls CCL19-Driven Cell Steering and Chemotaxis in Chronic Lymphocytic Leukemia	Cancer Research	2010	10.1016/j.jconrel.2009.12.026	µ-Slide VI 0.4, µ-Plate 96 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T3D-4Y4R465-2&_user=616146&_coverDate=04%2F02%2F2010&_alid=1314104828&_rdoc=1&_fmt=high&_orig=search&_cdi=4944&_sort=r&_docanchor=&view=c&_ct=1&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=56eeb0b53bfcc9024f5557cb12a2c459
1682	J. Malmo, K. M. Va rum and S. P. Strand	Effect of Chitosan Chain Architecture on Gene Delivery: Comparison of Self-Branched and Linear Chitosans	Biomacromolecules	2010	R 10.1242/jcs.070508	µ-Slide VI flat	http://jcs.biologists.org/cgi/content/abstract/123/20/3496
1683	J. Malmo, H. Sørgård, K. M. Vårum and S. P. Strand	siRNA delivery with chitosan nanoparticles: Molecular properties favoring efficient gene silencing	Journal of Controlled Release	2010	10.1016/j.mito.2010.12.009	µ-Slide VI flat	
1684	P. Masuzzo and L. Martens	An open data ecosystem for cell migration research	Trends in Cell Biology	2010	10.1091/mbc.E09-05-0373	Culture-Insert	http://www.molbiolcell.org/cgi/content/abstract/21/10/1698
1685	R. Masuyama, A. Mizuno, H. Komori, H. Kajiya, A. Uekawa, H. Kitaura, K. Okabe, K. Ohyama and T. Komori	Calcium/calmodulin-signaling supports TRPV4 activation in osteoclasts and regulates bone mass	Journal of Bone and Mineral Research	2010	10.1210/en.2010-0436	Culture-Insert	http://endo.endojournals.org/cgi/content/abstract/151/11/5136
1686	F. Milde, D. Franco, A. Ferrari, V. Kurtcuoglu, D. Poulikakos and P. Koumoutsakos	Cell Image Velocimetry (CIV): boosting the automated quantification of cell migration in wound healing assays	Integrative Biology	2010	10.1002/mc.20695	Culture-Insert	http://dx.doi.org/10.1002/mc.20695
1687	M. Meyer, J. Fleming, M. Ali, M. Pesesky, E. Ginsburg and B. Vonderhaar	Dynamic regulation of CD24 and the invasive, CD44posCD24neg phenotype in breast cancer cell lines	Breast Cancer Research	2010	10.1074/jbc.M109.060186	Culture-Insert	http://www.jbc.org/cgi/content/abstract/285/8/5472
1688	E. Masler	Effects of catechin polyphenols and preparations from the plant–parasitic nematode Heterodera glycines on protease activity and behaviour in three nematode species	Journal of helminthology	2010	10.1016/j.bbrc.2009.12.176	Culture-Insert	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WBK-4Y3JY9C-7&_user=616146&_coverDate=01%2F29%2F2010&_alid=1314144634&_rdoc=2&_fmt=high&_orig=search&_cdi=6713&_sort=r&_docanchor=&view=c&_ct=3&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=a6d52b86309d128d95a9e6e611380998

1689	Y. Misumi, Y. Ando, N. Goncalves and M. Saraiva	Fibroblasts endocytose and degrade transthyretin aggregates in transthyretin-related amyloidosis	Laboratory Investigation	2010	10.1371/journal.pone.0015339	Culture-Insert	http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0015339
1690	H. Gai, E. L. Leung, P. D. Costantino, J. R. Aguila, D. M. Nguyen, L. M. Fink, D. C. Ward and Y. Ma	Generation and characterization of functional cardiomyocytes using induced pluripotent stem cells derived from human fibroblasts	Cell Biol Int	2010	10.1093/neuonc/noq101	Culture-Insert	http://neuro-oncology.oxfordjournals.org/cgi/content/abstract/noq101v1
1691	J. Matt and M. Duchêne	Molecular and biochemical characterization of Entamoeba histolytica fructokinase	Parasitology research	2010	10.1016/j.carbpol.2010.08.016	Culture-Insert	
1692	A. Masamune, K. Kikuta, T. Watanabe, K. Satoh, A. Satoh and T. Shimosegawa	Pancreatic stellate cells express Toll-like receptors	J Gastroenterol	2010	10.1074/jbc.M110.146183	Culture-Insert	http://www.jbc.org/cgi/content/abstract/285/44/33691
1693	S. A. Matthews, H. San Lek, V. L. Morrison, M. G. Mackenzie, M. Zarrouk, D. Cantrell and S. C. Fagerholm	Protein kinase D isoforms are dispensable for integrin-mediated lymphocyte adhesion and homing to lymphoid tissues	European Journal of Immunology	2010	10.1021/pr1008724	Culture-Insert	http://pubs.acs.org/doi/abs/10.1021/pr1008724
1694	F. S. Mesquita, S. N. Dyer, D. A. Heinrich, S. E. Bulun, E. E. Marsh and R. A. Nowak	Reactive Oxygen Species Mediate Mitogenic Growth Factor Signaling Pathways in Human Leiomyoma Smooth Muscle Cells	Biology of Reproduction	2010	10.1089/ten.tea.2009.0282.	Culture-Insert	http://www.liebertonline.com/doi/abs/10.1089/ten.TEA.2009.0282
1695	V. Meuric, B. Martin, H. Guyodo, A. Rouillon, Z. Tamanai-Shacoori, F. Barloy-Hubler and M. Bonnaure-Mallet	Treponema denticola improves adhesive capacities of Porphyromonas gingivalis	Molecular Oral Microbiology	2010	10.1074/jbc.M110.111054	Culture-Insert	http://www.jbc.org/cgi/content/abstract/285/21/16042
1696	P. Meister, L. R. Gehlen, E. Varela, V. Kalck and S. M. Gasser	Visualizing Yeast Chromosomes and Nuclear Architecture	Methods in Enzymology	2010	10.1248/bpb.33.1268	Culture-Insert	http://www.jstage.jst.go.jp/article/bpb/33/8/33_1268/_article
1697	C. Bauch, J. Koliwer, F. Buck, H. Hönck and H. Kreienkamp	Subcellular Sorting of the G-Protein Coupled Mouse Somatostatin Receptor 5 by a Network of PDZ-Domain Containing Proteins	PLOS ONE	2010	10.1093/brain/awq222	Culture-Insert 24	http://brain.oxfordjournals.org/cgi/content/abstract/133/10/2920
1698	L. Armon and M. Eisenbach	Behavioral Mechanism during Human Sperm Chemotaxis: Involvement of Hyperactivation	PLoS ONE	2010	10.1016/j.ejcb.2010.06.003	Culture-Insert, µ-Dish 35 mm	http://www.sciencedirect.com/science/article/pii/S0171933510001172

1699	Y. Musinova, E. Kananykhina, D. Potashnikova, O. Lisitsyna and E. Sheval	A charge-dependent mechanism is responsible for the dynamic accumulation of proteins inside nucleoli	Biochimica et Biophysica Acta (BBA) - Molecular Cell Research	2010	10.1016/j.biomaterials.2010.02.032	ibidi foil	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TWB-4YNBRSB-2&_user=616146&_coverDate=06%2F30%2F2010&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=8a498364488b160cb0864cb21bd461aa
1700	A. Tibelius, J. Marhold, H. Zentgraf, C. E. Heilig, H. Neitzel, B. Ducommun, A. Rauch, A. D. Ho, J. Bartek and A. Kramer	Microcephalin and pericentrin regulate mitotic entry via centrosome-associated Chk1	J. Cell Biol.	2010	10.1038/emboj.2010.188	ibidi Heating System	http://www.nature.com/emboj/journal/vaop/ncurrent/full/emboj2010188a.html
1701	S. Vyawahare, A. D. Griffiths and C. A. Merten	Miniaturization and Parallelization of Biological and Chemical Assays in Microfluidic Devices	Chemistry & Biology	2010	10.1111/j.1462-5822.2009.01391.x	ibidi Heating System, Zeiss Axioplan	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2816358
1702	N. Platonova, G. Miquel, B. Regenfuss, S. Taouji, C. Cursiefen, E. Chevet and A. Bikfalvi	Evidence for the Interaction of Fibroblast Growth Factor-2 with the Lymphatic Endothelial Cell Marker LYVE-1	Blood	2010	10.1111/j.1749-6632.2009.05295.x	ibidi Heating System, Zeiss Axiovert 200	http://www3.interscience.wiley.com/journal/123350259/abstract
1703	M. da Fonseca Ferreira-da-Silva, H. Springer-Frauenhoff, W. Bohne and J. Howard	Identification of the Microsporidian Encephalitozoon cuniculi as a New Target of the IFN-gamma-Inducible IRG Resistance System	PLoS pathogens	2010	10.1021/ac902515c	Sticky-Slide I Luer	http://pubs.acs.org/doi/abs/10.1021/ac902515c
1704	M. Eguren, M. Álvarez-Fernández, F. García, A. López-Contreras, K. Fujimitsu, H. Yaguchi, J. Luque-García, O. Fernández-Capetillo, J. Muñoz and H. Yamano	A Synthetic Lethal Interaction between APC/C and Topoisomerase Poisons Uncovered by Proteomic Screens	Cell Reports	2009	10.1242/dev.031773	µ-Dish	http://dev.biologists.org/cgi/content/abstract/136/17/2883
1705	R. Dijkink, S. Le Gac, E. Nijhuis, A. van den Berg, I. Vermes, A. Poot and C. D. Ohl	Controlled cavitation--cell interaction: trans-membrane transport and viability studies	Physics in Medicine and Biology	2009	10.1083/jcb.200812167	µ-Dish	http://jcb.rupress.org/content/185/5/859.abstract
1706	M. Bielaszewska, C. Rüter, L. Kunsmann, L. Greune, A. Bauwens, W. Zhang, T. Kuczius, K. Kim, A. Mellmann and M. Schmidt	Enterohemorrhagic Escherichia coli Hemolysin Employs Outer Membrane Vesicles to Target Mitochondria and Cause Endothelial and Epithelial Apoptosis	PLoS Pathogens	2009	10.1021/ja907818q	µ-Dish	http://dx.doi.org/10.1021/ja907818q

1707	S. Asano, K. Kitatani, M. Taniguchi, M. Hashimoto, K. Zama, S. Mitsutake, Y. Igarashi, H. Takeya, J. Kigawa and A. Hayashi	Regulation of Cell Migration by Sphingomyelin Synthases: Sphingomyelin in Lipid Rafts Decreases Responsiveness to Signaling by the CXCL12/CXCR4 Pathway	Molecular and Cellular Biology	2009	10.1083/jcb.200811159	µ-Dish	http://jcb.rupress.org/cgi/content/abstract/185/4/657
1708	Y. Ding, T. Fromel, R. Popp, J. Falck, W. Schunck and I. Fleming	The biological actions of 11, 12-epoxyeicosatrienoic acid in endothelial cells are specific to the R/S enantiomer and require the Gs protein	Journal of Pharmacology and Experimental Therapeutics	2009	10.1038/emboj.2009.96	µ-Dish	http://www.nature.com/emboj/journal/v28/n10/full/emboj200996a.html
1709	A. Delplanque, E. Henry, J. Lautru, H. Leh, M. Buckle and C. Nogues	UV/Ozone Surface Treatment Increases Hydrophilicity and Enhances Functionality of SU-8 Photoresist Polymer	Applied Surface Science	2009	10.1160/TH09-07-0499	µ-Dish	http://www.ncbi.nlm.nih.gov/pubmed/19967138
1710	K. Hartmann, O. Raabe, S. Wenisch and S. Arnhold	Amniotic fluid derived stem cells give rise to neuron-like cells without a further differentiation potential into retina-like cells	American journal of stem cells	2009	10.1016/j.jmb.2009.07.079	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/B6WK7-4WXBMHH-5/2/944732da01da1c9933ed1d9c52ac6a62
1711	S. Gupta, S. Rieder, R. Richter, S. Schulz-Maronde, J. Manns, S. E. Escher, A. Heitland, M. Mack, W.-G. Forssmann, J. Elsner and U. Forssmann	CCR1- and CCR5-mediated inactivation of leukocytes by a nonglycosaminoglycan (non-GAG)-binding variant of n-Nonanoyl-CCL14 (NNY-CCL14)	J. Leukoc. Biol.	2009		µ-Dish 35 mm	http://www.mcponline.org/cgi/content/abstract/M900271-MCP200v1
1712	S. A. Freeman, V. Lei, M. Dang-Lawson, K. Mizuno, C. D. Roskelley and M. R. Gold	Cofilin-Mediated F-Actin Severing Is Regulated by the Rap GTPase and Controls the Cytoskeletal Dynamics That Drive Lymphocyte Spreading and BCR Microcluster Formation	The Journal of Immunology	2009	10.1016/j.bbrc.2009.03.044	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/B6WBK-4VTVPV7-D/2/0f9aae158dbf0596effa9f7263bdfc76
1713	S. Greenall, J. Donoghue, N. Gottardo, T. Johns and T. Adams	Glioma-specific Domain IV EGFR cysteine mutations promote ligand-induced covalent receptor dimerization and display enhanced sensitivity to dacomitinib in vivo	Oncogene	2009	10.1038/ncb1990	µ-Dish 35 mm	http://www.nature.com/ncb/journal/v11/n12/abs/ncb1990.html
1714	V. Härmä, R. Haavikko, J. Virtanen, I. Ahonen, H. Schukov, S. Alakurtti, E. Purev, H. Rischer, J. Yli-Kauhaluoma and V. Moreira	Optimization of Invasion-Specific Effects of Betulin Derivatives on Prostate Cancer Cells through Lead Development		2009	10.1038/nm.2068	µ-Dish 35 mm	http://www.nature.com/nm/journal/v16/n1/abs/nm.2068.html

1715	T. M. Erb, C. Schneider, S. E. Mucko, J. S. Sanfilippo, N. C. Lowry, M. N. Desai, R. S. Mangoubi, S. H. Leuba and P. J. Sammak	Paracrine and Epigenetic Control of Trophectoderm Differentiation from Human Embryonic Stem Cells: The Role of Bone Morphogenic Protein 4 and Histone Deacetylases	Stem Cells and Development	2009	10.1128/JVI.02230-09	µ-Dish 35 mm	http://jvi.asm.org/cgi/content/abstract/JVI.02230-09v1
1716	S. Ahmed, H. M. McGettrick, C. M. Yates, C. D. Buckley, M. J. Ratcliffe, G. B. Nash and G. Rainger	Prostaglandin D2 Regulates CD4+ Memory T Cell Trafficking across Blood Vascular Endothelium and Primes These Cells for Clearance across Lymphatic Endothelium	The Journal of Immunology	2009	10.2353/ajpath.2009.080743	µ-Dish 35 mm	http://ajp.amjpathol.org/cgi/content/abstract/174/6/2278
1717	A. Gutiérrez-González, C. Belda-Iniesta, J. Bargiela-Iparraguirre, G. Dominguez, P. Alfonso, R. Perona and I. Sanchez-Perez	Targeting Chk2 improves gastric cancer chemotherapy by impairing DNA damage repair	Apoptosis	2009	10.1095/biolreprod.108.075887	µ-Dish 35 mm	http://www.biolreprod.org/content/early/2009/09/03/biolreprod.108.075887.abstract
1718	S. Freeman, V. Jaumouillé, K. Choi, B. Hsu, H. Wong, L. Abraham, M. Graves and D. Coombs	Toll-like receptor ligands sensitize B-cell receptor signalling by reducing actin-dependent spatial confinement of the receptor	Nat Commun	2009	10.1523/JNEUROSCI.3814-08.2009	µ-Dish 35 mm	http://www.jneurosci.org/cgi/content/abstract/29/3/653
1719	L. C. Gomes-da-Silva, A. O. Santos, L. M. Bimbo, V. Moura, J. S. Ramalho, M. C. Lima, S. SimÃµes and J. N. Moreira	Towards a siRNA-containing nanoparticle targeted to breast cancer cells and the tumor microenvironment	International Journal of Pharmaceutics	2009	10.1002/stem.128	µ-Dish 35 mm	http://dx.doi.org/10.1002/stem.128
1720	B. Hergert, E. Grambow, A. Butschkau and B. Vollmar	Effects of systemic pretreatment with CpG oligodeoxynucleotides on skin wound healing in mice	Wound Repair and Regeneration	2009	10.1038/embor.2009.183	µ-Dish 35 mm glass bottom	http://www.nature.com/embor/journal/v10/n9/abs/embor2009183.html
1721	A. Barthel, M. Dass, M. Dröge, J. Cramer, D. Baumann, M. Urban, K. Landfester, V. Mailänder and I. Lieberwirth	Imaging the intracellular degradation of biodegradable polymer nanoparticles	Beilstein journal of nanotechnology	2009	10.1016/j.bios.2009.07.038	µ-Dish 35 mm glass bottom	http://www.sciencedirect.com/science/article/B6TFC-4X315F9-1/2/e107e224295266435cf3f3c1b9534578
1722	Á. Barroso, S. Landwerth, M. Woerdemann, C. Alpmann, T. Buscher, M. Becker, A. Studer and C. Denz	Optical assembly of bio-hybrid micro-robots	Biomedical microdevices	2009	10.1007/s00249-009-0470-9	µ-Dish 35 mm glass bottom	http://www.springerlink.com/content/r3451301472628p0/

1723	T. Hollweck, I. Hartmann, M. Eblenkamp, E. Wintermantel, B. Reichart, P. Überfuhr and G. Eissner	Cardiac Differentiation of Human Wharton`s Jelly Stem Cells – Experimental Comparison of Protocols	The Open Tissue Engineering and Regenerative Medicine Journal	2009	10.1371/journal.pone.0007833	µ-Dish 35 mm, Grid-500	http://dx.doi.org/10.1371%2Fjournal.pone.0007833
1724	A. Brendel, J. Renziehausen, C. Behl and P. Hajieva	Downregulation of PMCA2 increases the vulnerability of midbrain neurons to mitochondrial complex I inhibition	Neurotoxicology	2009	10.1016/j.yexcr.2009.02.016	µ-Slide 18 well flat	http://www.sciencedirect.com/science/article/B6WFC-4VR2497-1/2/80361f58992544ad6bdb58e8ad6e9e2c
1725	T. Y. Huang, W. C. Chang, M. Y. Wang, Y. R. Yang and Y. C. Hsu	Effect of Sulforaphane on Growth Inhibition in Human Brain Malignant Glioma GBM 8401 Cells by Means of Mitochondrial-and MEK/ERK-Mediated Apoptosis Pathway	Cell biochemistry and biophysics	2009	10.2353/ajpath.2009.090340	µ-Slide 2x9 well	http://ajp.amjpathol.org/cgi/content/abstract/175/3/1160
1726	S. J. Ittig, C. Schmutz, C. A. Kasper, M. Amstutz, A. Schmidt, L. Sauteur, M. A. Vigano, S. H. Low, M. Affolter, G. R. Cornelis, E. A. Nigg and C. Arrieumerlou	A bacterial type III secretion-based protein delivery tool for broad applications in cell biology	The Journal of Cell Biology	2009	10.1016/j.stem.2009.10.004	µ-Slide 8 well	http://www.cell.com/cell-stem-cell/retrieve/pii/S1934590909005153
1727	J. Kim, H. Jo, H. Hong, M. Kim, J. Kim, J. Lee, W. Heo and J. Kim	Actin remodelling factors control ciliogenesis by regulating YAP/TAZ activity and vesicle trafficking	Nat Commun	2009		µ-Slide 8 well	http://www.jbc.org/cgi/doi/10.1074/jbc.M109.010090
1728	Z. Khaznadar, G. Henry, N. Setterblad, S. Agaugue, E. Raffoux, N. Boissel, H. Dombret, A. Toubert and N. Dulphy	Acute myeloid leukemia impairs natural killer cells through the formation of a deficient cytotoxic immunological synapse	European Journal of Immunology	2009	10.1074/jbc.M109.030460	µ-Slide 8 well	http://www.jbc.org/cgi/doi/10.1074/jbc.M109.030460
1729	F. Duhr, P. Déléris, F. Raynaud, M. Séveno, S. Morisset-Lopez, C. la Cour, M. Millan, J. Bockaert, P. Marin and S. Chaumont-Dubel	Cdk5 induces constitutive activation of 5-HT6 receptors to promote neurite growth	Nature chemical biology	2009	10.1007/s00412-009-0244-2	µ-Slide 8 well	http://www.springerlink.com/content/292xl556r480671m

1730	A. Koerdt, J. Godeke, J. Berger, K. M. Thormann and S. V. Albers	Crenarchaeal Biofilm Formation under Extreme Conditions	PLoS ONE	2009	10.1016/j.yexcr.2009.09.003	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WFC-4X6FNNN-2&_user=616146&_coverDate=01%2F01%2F2010&_alid=1210432655&_rdoc=1&_fmt=high&_orig=search&_cdi=6791&_sort=r&_docanchor=&view=c&_ct=1&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=f1d4bef2712b1a06e1f892c24c0ba34d
1731	A. F. J. Beier, J. C. Schulz and H. Zimmermann	Cryopreservation with a Twist-Towards a Sterile, Serum-Free Surface-Based Vitrification of hESCs	Cryobiology	2009	10.1016/j.biocel.2009.09.007	µ-Slide 8 well	http://www.sciencedirect.com/science/article/B6TCH-4X85FFP-1/2/2787b76bd27b89b3a5ae3b8c6a31a4c6
1732	S. Kiaii, A. Clear, A. Ramsay, D. Davies, A. Sangaralingam, A. Lee, M. Calaminici, D. Neuberg and J. Gribben	Follicular Lymphoma Cells Induce Changes in T-Cell Gene Expression and Function: Potential Impact on Survival and Risk of Transformation	Journal of clinical oncology: official journal of the American Society of Clinical Oncology	2009	10.1186/bcr2449	µ-Slide 8 well	http://breast-cancer-research.com/content/11/6/R82
1733	A. Kermanizadeh, M. Løhr, M. Roursgaard, S. Messner, P. Gunness, J. Kelm, P. Møller, V. Stone and S. Loft	Hepatic toxicology following single and multiple exposure of engineered nanomaterials utilising a novel primary human 3D liver microtissue model	Particle and fibre toxicology	2009	10.1096/fj.08-128959	µ-Slide 8 well	http://www.fasebj.org/cgi/content/abstract/fj.08-128959v1
1734	A. Bandiera	Human Elastin-derived Biomimetic Coating Surface to Support Cell Growth	International Journal of Medicine and Medical Sciences	2009	10.1242/jcs.053157	µ-Slide 8 well	http://jcs.biologists.org/cgi/content/abstract/122/19/3492
1735	A. Jamet, D. Euphrasie, P. Martin and X. Nassif	Identification of genes involved in Neisseria meningitidis colonization	Infection and Immunity	2009	10.1242/jcs.041061	µ-Slide 8 well	http://jcs.biologists.org/cgi/content/abstract/122/7/919
1736	J. Kazenwadel, G. A. Secker, K. L. Betterman and N. L. Harvey	In Vitro Assays Using Primary Embryonic Mouse Lymphatic Endothelial Cells Uncover Key Roles for FGFR1 Signalling in Lymphangiogenesis	PLoS ONE	2009		µ-Slide 8 well	http://www3.interscience.wiley.com/journal/123197958/abstract?CRETRY=1&SRETRY=0

1737	V. M. Ahrens, R. Frank, S. Stadlbauer, A. G. Beck-Sickinger and E. Hey-Hawkins	Incorporation of ortho-Carbaboranyl-N - Modified l-Lysine into Neuropeptide Y Receptor Y1-and Y2-Selective Analogues	Journal of Medicinal Chemistry	2009		µ-Slide 8 well	http://www.jimmunol.org/cgi/content/abstract/182/5/2654
1738	M. R. Amos, M. Sanchez-Contreras, R. W. Jackson, X. Munoz-Berbel, T. A. Ciche, G. Yang, R. M. Cooper and N. R. Waterfield	Influence of the Photorhabdus luminescens Phosphomannose Isomerase Gene, manA, on Mannose Utilization, Exopolysaccharide Structure, and Biofilm Formation	Appl. Envir. Microbiol.	2009	10.1083/jcb.200907026	µ-Slide 8 well	http://jcb.rupress.org/cgi/content/abstract/187/1/25
1739	A. Brockschmidt, D. Trost, H. Peterziel, K. Zimmermann, M. Ehrler, H. Grassmann, P. N. Pfenning, A. Waha, D. Wohlleber and F. F. Brockschmidt	KIAA1797/FOCAD encodes a novel focal adhesion protein with tumour suppressor function in gliomas	Brain	2009	10.1371/journal.pone.0005442.	µ-Slide 8 well	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2673584
1740	H. Kita-Matsuo, M. Barcova, N. Prigozhina, N. Salomonis, K. Wei, J. G. Jacot, B. Nelson, S. Spiering, R. Haverslag and C. Kim	Lentiviral vectors and protocols for creation of stable hESC lines for fluorescent tracking and drug resistance selection of cardiomyocytes	PLoS ONE	2009		µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2751800/?report=abstract
1741	C. Jüngst, M. Klein and A. Zumbusch	Long-term live cell microscopy studies of lipid droplet fusion dynamics in adipocytes	Journal of lipid research	2009	10.1074/jbc.M109.048082	µ-Slide 8 well	http://www.jbc.org/content/early/2009/08/28/jbc.M109.048082.abstract
1742	J. Kornuta, M. Nipper and J. Brandon Dixon	Low-cost microcontroller platform for studying lymphatic biomechanics in vitro	Journal of biomechanics	2009	10.1002/bip.21218	µ-Slide 8 well	http://dx.doi.org/10.1002/bip.21218
1743	H. Koppensteiner, C. Banning, C. Schneider, H. Hohenberg and M. Schindler	Macrophage Internal HIV-1 Is Protected from Neutralizing Antibodies	J. Virol.	2009	10.1016/j.virol.2009.10.029	µ-Slide 8 well	http://www.sciencedirect.com/science/article/B6WXR-4XP3BRY-6/2/9f4b8105923c9df9001f8e797dbd2359
1744	C. Huesa and A. D. Bakker	Mechanical stimulation of bone cells using fluid flow	Methods Mol Biol	2009	10.1083/jcb.200901106	µ-Slide 8 well	http://jcb.rupress.org/cgi/content/abstract/jcb.200901106v1
1745	S. Jurmeister, M. Baumann, A. Balwierz, I. Keklikoglou, A. Ward, S. Uhlmann, J. Zhang, S. Wiemann and O. Sahin	MicroRNA-200c Represses Migration and Invasion of Breast Cancer Cells by Targeting Actin-Regulatory Proteins FHOD1 and PPM1F	Mol. Cell. Biol.	2009	10.1111/j.1365-2567.2008.02897	µ-Slide 8 well	http://dx.doi.org/10.1111/j.1365-2567.2008.02897.x
1746	F. Kamena, B. Monnanda, D. Makou, S. Capone, K. Patora Komisarska and D. Seebach	On the Mechanism of Eukaryotic Cell Penetration by and Oligoarginines–Targeting Infected Erythrocytes	Chemistry & Biodiversity	2009	10.1111/j.1538-7836.2009.03456	µ-Slide 8 well	http://onlinelibrary.wiley.com/doi/10.1111/j.1538-7836.2009.03456.x/abstract
1747	S. Kim, Y. Kim, J. Lee and J. Chung	Regulation of FOXO1 by TAK1-Nemo-like Kinase Pathway	J. Biol. Chem.	2009	10.1186/1743-422X-6-131.	µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2739521/

1748	R. Dmitriev, A. Kondrashina, K. Koren, I. Klimant, A. Zhdanov, J. Pakan, K. McDermott and D. Papkovsky	Small molecule phosphorescent probes for O 2 imaging in 3D tissue models	Biomaterials Science	2009	10.1182/blood-2009-07-235382	µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pubmed/19965634
1749	N. Kim, J. Kim, M. Lee, C. Kim, K. Chang and W. Heo	Spatiotemporal Control of Fibroblast Growth Factor Receptor Signals by Blue Light	Chemistry & Biology	2009	10.1007/s11060-009-0013-3	µ-Slide 8 well	http://www.springerlink.com/content/u118261471jx13u2
1750	M. R. Amos, M. Sanchez-Contreras, R. W. Jackson, X. Munoz-Berbel, T. A. Ciche, G. Yang, R. M. Cooper and N. R. Waterfield	The phosphomannose isomerase gene manA influences mannose utilisation, exopolysaccharide structure and biofilm formation in Photorhabdus luminescens	Appl. Envir. Microbiol.	2009	10.1098/rsif.2009.0288.focus	µ-Slide 8 well	http://rsif.royalsocietypublishing.org/content/early/2009/09/26/rsif.2009.0288.focus.abstract
1751	N. Kedei, A. Telek, A. Czap, E. S. Lubart, G. Czifra, D. Yang, J. Chen, T. Morrison, P. K. Goldsmith and L. Lim	The synthetic bryostatin analog Merle 23 dissects distinct mechanisms of bryostatin activity in the LNCaP human prostate cancer cell line	Biochemical Pharmacology	2009	10.1038/onc.2009.345	µ-Slide 8 well	http://www.nature.com/onc/journal/v29/n4/abs/onc2009345a.html
1752	T. Karlsson, B. Christoffer Lagerholm, E. Vikström, V. M. Loitto and K. E. Magnusson	Water Fluxes Through Aquaporin-9 Prime Epithelial Cells for Rapid Wound Healing	Biochemical and Biophysical Research Communications	2009	10.1111/j.1582-4934.2009.00799.x	µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pubmed/19508384
1753	M. R. Bordoli, D. P. Stiehl, L. Borsig, G. Kristiansen, S. Hausladen, P. Schraml, R. H. Wenger and G. Camenisch	Prolyl-4-hydroxylase PHD2-and hypoxia-inducible factor 2-dependent regulation of amphiregulin contributes to breast tumorigenesis	Oncogene	2009	10.1099/jmm.0.011213-0	µ-Slide 8 well,	http://jmm.sgmjournals.org/cgi/content/abstract/58/10/1359
1754	M. Kronlage, J. Song, L. Sorokin, K. Isfort, T. Schwerdtle, J. Leipziger, B. Robaye, P. B. Conley, H.-C. Kim, S. Sargin, P. Schon, A. Schwab and P. J. Hanley	Autocrine Purinergic Receptor Signaling Is Essential for Macrophage Chemotaxis	Sci. Signal.	2009	10.1007/s10585-008-9222-y	µ-Slide Angiogenesis	http://www.springerlink.com/content/y1230683n6257235/
1755	P. Langehanenberg, G. von Bally and B. Kemper	Application of partially coherent light in live cell imaging with digital holographic microscopy	Journal of Modern Optics	2009	10.1111/j.1365-2958.2009.06770.x	µ-Slide Chemotaxis 2D	http://www.ncbi.nlm.nih.gov/pubmed/19555457
1756	V. G. Bampalis, S. Dwivedi, E. Shai, R. Brandl, D. Varon and W. Siess	Effect of 5-HT2A receptor antagonists on human platelet activation in blood exposed to physiologic stimuli and atherosclerotic plaque	Journal of Thrombosis and Haemostasis	2009	10.1074/jbc.M807834200	µ-Slide Chemotaxis 2D	http://www.jbc.org/cgi/content/abstract/M807834200v1

1757	A. Lanzi, C. Fehres, T. de Gruijl, Y. van Kooyk and E. Mastrobattista	Effects of Antigen-Expressing Immunostimulatory Liposomes on Chemotaxis and Maturation of Dendritic Cells In Vitro and in Human Skin Explants	Pharmaceutical Research	2009	10.1038/ncb1861	µ-Slide Chemotaxis 2D	http://dx.doi.org/10.1038/ncb1861
1758	I. Akhrymuk, S. V. Kulemzin and E. I. Frolova	Evasion of the Innate Immune Response: the Old World Alphavirus nsP2 Protein Induces Rapid Degradation of Rpb1, a Catalytic Subunit of RNA Polymerase II	Journal of Virology	2009		µ-Slide Chemotaxis 2D	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/blood-2009-01-197988v1
1759	S. Chaterji, C. Lam, D. Ho, D. Proske and A. Baker	Syndecan-1 Regulates Vascular Smooth Muscle Cell Phenotype	PloS one	2009	10.1007/s11481-008-9135-1	µ-Slide Chemotaxis 2D	http://www.springerlink.com/content/55r68w6x8tmn4686
1760	A. Al-Ahmad, M. Follo, A.-C. Selzer, E. Hellwig, M. Hannig and C. Hannig	Bacterial colonization of enamel in situ investigated using fluorescence in situ hybridization	Journal Medical Microbiology	2009	10.1161/CIRCRESAHA.108.187831	µ-Slide I	http://circres.ahajournals.org/cgi/content/abstract/CIRCRESAHA.108.187831v1
1761	M. Fernandes, A. Flannery, N. Andrews and R. Mortara	Extracellular amastigotes of Trypanosoma cruzi are potent inducers of phagocytosis in mammalian cells	Cellular microbiology	2009	10.4049/jimmunol.0900835	µ-Slide I	http://www.jimmunol.org/cgi/content/abstract/183/7/4273
1762	I. Dang, R. Gorelik, C. Sousa-Blin, E. Derivery, C. Guérin, J. Linkner, M. Nemethova, J. Dumortier, F. Giger and T. Chipysheva	Inhibitory signalling to the Arp2/3 complex steers cell migration	Nature	2009	10.1186/1471-2172-10-62	µ-Slide I	http://www.biomedcentral.com/1471-2172/10/62
1763	S. Lee, Y. Jung, S. Oh, S. Yun and H. Han	Melatonin enhances the human mesenchymal stem cells motility via melatonin receptor 2 coupling with G-alpha-q in skin wound healing	Journal of Pineal Research	2009	10.1016/j.chom.2009.11.007	µ-Slide I	http://linkinghub.elsevier.com/retrieve/pii/S1931312809003849
1764	M. H. Lee, H. Na, E. J. Kim, H. W. Lee and M. O. Lee	Poly (ADP-ribosyl) ation of p53 induces gene-specific transcriptional repression of MTA1	Oncogene	2009	10.1063/1.3169511	µ-Slide I	http://rsi.aip.org/rsinak/v80/i7/p073704_s1?isAuthorized=no
1765	C. Cunningham-Rundles	How I treat common variable immune deficiency	Blood	2009	10.1167/iovs.09-4280	µ-Slide I Luer	http://www.iovs.org/cgi/content/abstract/iovs.09-4280v1
1766	D. J. Lewis, V. Dore, M. J. Goodwin, A. C. Savage, G. B. Nash, P. Angeli and Z. Pikramenou	Luminescent ruthenium (II) tris-bipyridyl complex caged in nanoscale silica for particle velocimetry studies in microchannels	Measurement Science and Technology	2009	10.1111/j.1582-4934.2008.00579.x	µ-Slide I Luer	http://dx.doi.org/10.1111/j.1582-4934.2008.00579.x

1767	J. Liang, W. Chen, W. Shao, C. Zhou, L. Du and L. Jin	Observation of Encapsulated Bubble Oscillations Driven by Ultrasound	Japanese Journal of Applied Physics	2009	10.1007/s12079-009-0055-5	µ-Slide I Luer, µ-Slide y-shaped	http://www.springerlink.com/content/e365qh30457l0850/
1768	P. Andreozzi, C. Martinelli, R. P. Carney, T. M. Carney and F. Stellacci	Erythrocyte Incubation as a Method for Free-Dye Presence Determination in Fluorescently Labeled Nanoparticles	Molecular Pharmaceutics	2009	10.1016/j.biomaterials.2009.03.031	µ-Slide I, µ-Slide VI 0.4	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TWB-4W329BX-1&_user=10&_coverDate=08%2F31%2F2009&_alid=1217127202&_rdoc=1&_fmt=high&_orig=search&_cdi=5558&_sort=r&_docanchor=&view=c&_ct=2&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=8ac1eb0f348e10a8b51a48ab94395c3a
1769	A. Bachmann, M. Moll, E. Gottwald, C. Nies, R. Zantl, H. Wagner, B. Burkhardt, J. Sánchez, R. Ladurner and W. Thasler	3D Cultivation Techniques for Primary Human Hepatocytes	Microarrays	2009		µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/B6T1C-4XHT485-1/2/6d9d80229c5dfbce10aca23fcfbdf318
1770	M. Lindzen, S. Carvalho, A. Starr, N. Ben-Chetrit, C. R. Pradeep, W. J. Köstler, A. Rabinkov, S. Lavi, S. S. Bacus and Y. Yarden	A recombinant decoy comprising EGFR and ErbB-4 inhibits tumor growth and metastasis	Oncogene	2009	10.1099/mic.0.027854-0	µ-Slide VI 0.4	http://mic.sgmjournals.org/cgi/content/abstract/155/6/1977?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=&author1=davies&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT
1771	T. Lu, C. Han, Y. Chang, T. Lu, H. Huang, B. Bao, H. Wu, C. Huang, C. Li and T. Wu	Denbinobin, a Phenanthrene from Dendrobium nobile, Impairs Prostate Cancer Migration by Inhibiting Rac1 Activity	The American journal of Chinese medicine	2009	10.1038/sj.bjc.6605492	µ-Slide VI 0.4	http://www.nature.com/bjc/journal/v102/n3/full/6605492a.html
1772	C. Furman, A. L. Sieminski, A. V. Kwiatkowski, D. A. Rubinson, E. Vasile, R. T. Bronson, R. Fassler and F. B. Gertler	Ena/VASP is required for endothelial barrier function in vivo	J. Cell Biol.	2009	10.1371/journal.ppat.1000623	µ-Slide VI 0.4	http://dx.doi.org/10.1371%2Fjournal.ppat.1000623
1773	A. Luthman and S. Bohndiek	Experimental evaluation of a hyperspectral imager for near-infrared fluorescent contrast agent studies	SPIE BiOS	2009		µ-Slide VI 0.4	http://pubs.acs.org/doi/abs/10.1021/bc9000454?prevSearch=mishra&searchHistoryKey=
1774	J. Bae, B. H. Sung, I. H. Cho and W. K. Song	F-Actin-Dependent Regulation of NESH Dynamics in Rat Hippocampal Neurons	PLoS ONE	2009	10.2174/18741967009020101 30	µ-Slide VI 0.4	http://www.bentham.org/open/tobioj/openaccess2.htm

1775	T. Däubner, A. Fink, A. Seitz, S. Tenzer, J. Müller, D. Strand, C. K. Seckert, C. Janssen, A. Renzaho, N. K. A. Grzimek, C. O. Simon, S. Ebert, M. Reddehase, S. A. Oehrlein-Karpi and N. A. W. Lemmermann	Identification of a novel transmembrane domain mediating retention of a highly motile herpesviral glycoprotein in the endoplasmic reticulum	Journal of General Virology	2009	10.1111/j.1537-2995.2009.02241.x	µ-Slide VI 0.4	http://www3.interscience.wiley.com/journal/122439639/abstract?CRETRY=1&SRETRY=0
1776	R. Lutz, K. Pataky, N. Gadhari, M. Marelli, J. Brugger and M. Chiquet	Nano-Stenciled RGD-Gold Patterns That Inhibit Focal Contact Maturation Induce Lamellipodia Formation in Fibroblasts	PLoS ONE	2009	10.1074/jbc.M109.016436	µ-Slide VI 0.4	http://www.jbc.org/content/284/36/24595.abstract
1777	D. Y. Lu, W. L. Yeh, S. M. Huang, C. H. Tang, H. Y. Lin and S. J. Chou	Osteopontin increases heme oxygenaseâ€“1 expression and subsequently induces cell migration and invasion in glioma cells	Neuro-oncology	2009	10.1152/ajprenal.00136.2009	µ-Slide VI 0.4	http://ajprenal.physiology.org/cgi/content/abstract/00136.2009v1
1778	C. Angelucci, G. Maulucci, A. Colabianchi, F. Iacopino, A. D'Alessio, A. Maiorana, V. Palmieri, M. Papi, M. De Spirito, A. Di Leone, R. Masetti and G. Sica	Stearoyl-CoA desaturase 1 and paracrine diffusible signals have a major role in the promotion of breast cancer cell migration induced by cancer-associated fibroblasts	Br J Cancer	2009	10.1073/pnas.0907039106	µ-Slide VI 0.4	http://www.pnas.org/content/106/46/19387.full
1779	A. P. Liou, Y. Sei, X. Zhao, J. Feng, X. Lu, C. Thomas, S. Pechhold, H. E. Raybould and S. A. Wank	The extracellular calcium-sensing receptor is required for cholecystokinin secretion in response to L-phenylalanine in acutely isolated intestinal I cells	American Journal of Physiology-Gastrointestinal and Liver Physiology	2009		µ-Slide VI 0.4	http://74.125.155.132/scholar?q=cache:nTaBTptLTboJ:scholar.google.com/+ibidi&hl=en&as_sdt=2000&as_ylo=2009
1780	M. Cohen, K. Huynh, D. Cawley and V. Moiseenkova-Bell	Understanding the Cellular Function of TRPV2 Channel through Generation of Specific Monoclonal Antibodies	PLOS ONE	2009	10.1016/j.bpj.2009.07.011	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/B94RW-4X6FK5H-H/2/f42b96c03d48eebc20753fd5ac85060e
1781	M. J. Durand and D. D. Gutterman	Abstract 12625: Mechanical Shear Stress Restores Mitochondrial Cytoarchitecture in Human Endothelial Cells Exposed to Angiotensin II by Modulating Activity of the Fission-Inducing Protein Dynamin Related Protein 1	Circulation	2009	10.1016/j.atherosclerosis.2009.04.034	µ-Slide y-shaped	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T12-4W6YK5D-5&_user=10&_coverDate=11%2F30%2F2009&_alid=1217120346&_rdoc=2&_fmt=high&_orig=search&_cdi=4878&_sort=r&_docanchor=&view=c&_ct=3&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=1bd8da2988e9b76af60580872e4db849

1782	G. Chamberlain, D. Tulumello and S. Kelley	Targeted delivery of doxorubicin to mitochondria	ACS chemical biology	2009		µ-Slide y-shaped	http://www.frame.org.uk/atla_article.php?art_id=1228&abstract=true
1783	M. Mizee, P. Nijland, S. van der Pol, J. Drexhage, B. van het Hof, R. Mebius, P. van der Valk, J. van Horssen, A. Reijerkerk and H. de Vries	Astrocyte-derived retinoic acid: a novel regulator of blood–brain barrier function in multiple sclerosis	Acta Neuropathologica	2009	10.1074/jbc.M109.013185	Culture-Insert	http://www.jbc.org/cgi/content/abstract/M109.013185v1
1784	A. Messina, N. Ferraris, S. Wray, G. Cagnoni, D. E. Donohue, F. Casoni, P. R. Kramer, A. A. Derijck, Y. Adolfs, A. Fasolo, R. J. Pasterkamp and P. Giacobini	Dysregulation of Semaphorin7A/{beta}1-integrin signaling leads to defective GnRH-1 cell migration, abnormal gonadal development and altered fertility	Hum. Mol. Genet.	2009	10.1016/j.biomaterials.2009.07.039	Culture-Insert	http://www.sciencedirect.com/science/article/B6TWB-4X00P80-1/2/520ddf92623c9a37bf99531a1668dcc4
1785	P. Aleksandrowicz, A. Marzi, N. Biedenkopf, N. Beimforde, S. Becker, T. Hoenen, H. Feldmann and H.-J. Schnittler	Ebola Virus Enters Host Cells by Macropinocytosis and Clathrin-Mediated Endocytosis	The Journal of Infectious Disease	2009	10.1053/j.gastro.2009.04.049	Culture-Insert	http://www.sciencedirect.com/science/article/B6WFX-4W4JDMM-5/2/0103f1523068891e52c0f4792d35a4c7
1786	J.-R. A. J. Moonen, G. Krenning, M. G. L. Brinker, J. A. Koerts, M. J. A. van Luyn and M. C. Harmsen	Endothelial progenitor cells give rise to pro-angiogenic smooth muscle-like progeny	Cardiovascular Research	2009		Culture-Insert	http://ar.iiarjournals.org/content/29/4/1219.abstract?sid=331718d4-5d7b-4a94-a4eb-34e594cf5ba4
1787	L. M. Butler, H. C. Jeffery, R. L. Wheat, H. M. Long, P. C. Rae, G. B. Nash and D. J. Blackbourn	KSHV inhibits expression and function of endothelial cell MHC class II via suppressor of cytokine signalling 3	Journal of Virology	2009	10.1016/j.leukres.2009.05.022	Culture-Insert	http://www.sciencedirect.com/science/article/B6T98-4WN8H89-1/2/5ef2758954e65a8f45f05c388f34b532
1788	T. Misztal, T. Rusak, J. Bra?ska-Januszewska, H. Ostrowska and M. Tomasiak	Peroxynitrite may affect fibrinolysis via the reduction of platelet-related fibrinolysis resistance and alteration of clot structure	Free Radical Biology and Medicine	2009	10.1126/science.1171461	Culture-Insert	http://www.sciencemag.org/cgi/content/abstract/325/5937/217
1789	P. McMillan, C. Millet, S. Batinovic, M. Maiorca, E. Hanssen, S. Kenny, R. Muhle, M. Melcher, D. Fidock and J. Smith	Spatial and temporal mapping of the PfEMP1 export pathway in Plasmodium falciparum	Cellular microbiology	2009	10.1002/path.2597	Culture-Insert	http://dx.doi.org/10.1002/path.2597
1790	I. Diebold, A. Petry, J. Hess and A. Gorlach	The NADPH Oxidase Subunit NOX4 Is a New Target Gene of the Hypoxia-inducible Factor-1	Molecular Biology of the Cell	2009	10.1182/blood-2009-04-216390	Culture-Insert	http://bloodjournal.hematologylibrary.org/cgi/content/abstract/blood-2009-04-216390v1

1791	L. Alenmyr, L. Uller, L. Greiff, E. Högestätt and P. Zygmunt	TRPV4-Mediated Calcium Influx and Ciliary Activity in Human Native Airway Epithelial Cells	Basic & clinical pharmacology & toxicology	2009		Culture-Insert	http://cancerres.aacrjournals.org/cgi/content/abstract/69/6/2416
1792	Y. Nagamatsu, Y. Rikitake, M. Takahashi, Y. Deki, W. Ikeda, K.-i. Hirata and Y. Takai	Roles of Necl-5/Poliovirus receptor and ROCK in the regulation of transformation of integrin alpha Vbeta 3-based focal complexes into focal adhesions	J. Biol. Chem.	2009		ibidi foil	http://www.pnas.org/cgi/content/abstract/106/51/21649
1793	M. Durán-Lobato, L. Martín-Banderas, L. Gonçalves, M. Fernández-Arévalo and A. Almeida	Comparative study of chitosan- and PEG-coated lipid and PLGA nanoparticles as oral delivery systems for cannabinoids	Journal of Nanoparticle Research	2008		µ-Dish	http://www.karger.com/DOI/10.1159/000149793
1794	K. Afonin, R. Desai, M. Viard, M. Kireeva, E. Bindewald, C. Case, A. Maciag, W. Kasprzak, T. Kim and A. Sappe	Co-transcriptional production of RNA–DNA hybrids for simultaneous release of multiple split functionalities	Nucleic acids research	2008		µ-Dish	http://www3.interscience.wiley.com/journal/120085364/abstract
1795	J. Fleming, D. Gable, S. Samadzadeh-Tarighat, L. Cheng, L. Yu, J. Gillespie and A. Toland	Differential expression of miR-1, a putative tumor suppressing microRNA, in cancer resistant and cancer susceptible mice	PeerJ	2008		µ-Dish	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WDG-4PWKST2-2&_user=616146&_coverDate=03%2F01%2F2008&_alid=1107666099&_rdoc=1&_fmt=high&_orig=search&_cdi=6766&_sort=r&_docanchor=&view=c&_ct=2&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=ad322df5821ec57bd421494557c8c6f1
1796	J. Cai, Y. Yue, D. Rui, Y. Zhang, S. Liu and C. Wu	Effect of Chain Length on Cytotoxicity and Endocytosis of Cationic Polymers	Macromolecules	2008	10.1111/j.1600-0625.2008.00702.x	µ-Dish	http://www.blackwell-synergy.com/doi/abs/10.1111/j.1600-0625.2008.00702.x
1797	J. Gilley, R. Adalbert, G. Yu and M. Coleman	Rescue of Peripheral and CNS Axon Defects in Mice Lacking NMNAT2	The Journal of Neuroscience	2008	10.1016/j.mcn.2008.03.004	µ-Dish	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WNB-4S4JYRH-3&_user=616146&_coverDate=07%2F31%2F2008&_alid=1207530869&_rdoc=1&_fmt=high&_orig=search&_cdi=6958&_sort=r&_docanchor=&view=c&_ct=1&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=4ec5cb011fe927b82d8e7e501b7d9adf
1798	W. Boehmerle and M. Endres	Salinomycin Induces Calpain and Cytochrome c-Mediated Neuronal Cell Death	Cell Death & Disease	2008	10.1007/s00424-007-0403-3	µ-Dish	http://www.springerlink.com/content/j52228336m1925v1/

1799	P. Ehm, M. Nalaskowski, T. Wundenberg and M. Jücker	The tumor suppressor SHIP1 colocalizes in nucleolar cavities with p53 and components of PML nuclear bodies	Nucleus	2008	10.1242/dev.020115	µ-Dish	http://dev.biologists.org/cgi/content/abstract/dev.020115v1
1800	H. Asakawa, Y. Hiraoka and T. Haraguchi	A method of correlative light and electron microscopy for yeast cells	Micron	2008	10.1128/aem.01233-08	µ-Dish 35 mm	http://aem.asm.org/cgi/content/abstract/AEM.01233-08v1
1801	D. Baumann, D. Hofmann, S. Nullmeier, P. Panther, C. Dietze, A. Musyanovych, S. Ritz, K. Landfester and V. Mailänder	Complex encounters: nanoparticles in whole blood and their uptake into different types of white blood cells	Nanomedicine	2008	10.1038/ncb1813	µ-Dish 35 mm	http://www.nature.com/ncb/journal/v11/n1/abs/ncb1813.html
1802	H. Bäumler and R. Georgieva	Coupled Enzyme Reactions in Multicompartment Microparticles	Biomacromolecules	2008	10.1016/j.cell.2008.01.012	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/B6WSN-4S0GXH1-K/2/4d2d3eb401a81da56d2f0c9c4f19c129
1803	C. Grüring, A. Heiber, F. Kruse, J. Ungefehr, T.-W. Gilberger and T. Spielmann	Development and host cell modifications of Plasmodium falciparum blood stages in four dimensions	Nature Commununications	2008	10.1038/labinvest.2008.44	µ-Dish 35 mm	http://www.nature.com/labinvest/journal/v88/n7/full/labinvest200844a.html
1804	M. Durán-Lobato, I. Muñoz-Rubio, M. Holgado, J. Álvarez-Fuentes, M. Fernández-Arévalo and L. Martín-Banderas	Enhanced Cellular Uptake and Biodistribution of a Synthetic Cannabinoid Loaded in Surface-Modified Poly (lactic-co-glycolic acid) Nanoparticles	Journal of Biomedical Nanotechnology	2008	10.1039/b811427g	µ-Dish 35 mm	http://www.rsc.org/Publishing/Journals/OB/article.asp?doi=b811427g
1805	C. Boehlke, F. Kotsis, B. Buchholz, C. Powelske, K. Eckardt, G. Walz, R. Nitschke and E. Kuehn	Kif3a Guides Microtubular Dynamics, Migration and Lumen Formation of MDCK Cells	PLoS ONE	2008	10.1038/nn2064	µ-Dish 35 mm	http://dx.doi.org/10.1038/nn2064
1806	A. Hänninen, M. Maksimow, C. Alam, D. J. Morgan and S. Jalkanen	Ly6C supports preferential homing of central memory CD8+ T cells into lymph nodes	European Journal of Immunology	2008	10.1016/j.jneumeth.2008.11.025	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/B6T04-4V3SY3K-1/2/4fbc19f3cd39c75091344027e11dae23
1807	F. Ercole, F. Mansfeld, M. Kavallaris, M. Whittaker, J. Quinn, M. Halls and T. Davis	Macromolecular Hydrogen Sulfide Donors Trigger Spatiotemporally Confined Changes in Cell Signaling	Biomacromolecules	2008	10.1016/j.devcel.2008.08.001	µ-Dish 35 mm	http://www.sciencedirect.com/science/article/B6WW3-4TG4231-9/2/c225b2993a8ab796a1e8b4cc4e1f20c8
1808	Y. Chen, Y. Lan, T. Hung, L. Chen, K. Choo, W. Cheng, H. Lee and K. Chong	Mesenchymal stem cell-based HSP70 promoter-driven VEGFA induction by resveratrol promotes angiogenesis in a mouse model	Cell Stress and Chaperones	2008		µ-Dish 35 mm	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WDG-4RKTNF7-3&_user=616146&_coverDate=03%2F15%2F2008&_alid=1107794878&_rdoc=1&_fmt=high&_orig=search&_cdi=6766&_sort=r&_docanchor=&view=c&_ct=1&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=76c9a68740df042d304a96ea875371e5

1809	G. Gonon, J. Groetz, S. De Toledo, R. Howell, M. Fromm and E. Azzam	Nontargeted Stressful Effects in Normal Human Fibroblast Cultures Exposed to Low Fluences of High Charge, High Energy (HZE) Particles: Kinetics of Biologic Responses and Significance of Secondary Radiations	Radiation research	2008	10.1186/1742-4690-5-87.	µ-Dish 35 mm	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2562391
1810	J. Eirich, J. Burkhart, A. Ullrich, G. Rudolf, A. Vollmar, S. Zahler, U. Kazmaier and S. A. Sieber	Pretubulysin derived probes as novel tools for monitoring the microtubule network via Activity-Based Protein Profiling and Fluorescence Microscopy	Molecular BioSystems	2008		µ-Dish 35 mm	http://www.cell.com/chemistry-biology/abstract/S1074-5521%2808%2900041-0
1811	H. Chin, M. Moeini and T. Quinn	Solute transport across the articular surface of injured cartilage	Archives of biochemistry and biophysics	2008	10.1681/asn.2008010102	µ-Dish 35 mm	http://jasn.asnjournals.org/cgi/content/abstract/ASN.2008010102v1
1812	L. Bousset, L. Pieri, G. Ruiz-Arlandis, J. Gath, P. Jensen, B. Habenstein, K. Madiona, V. Olieric, A. Böckmann and B. Meier	Structural and functional characterization of two alpha-synuclein strains	Nature communications	2008	10.1074/jbc.M802996200	µ-Dish 35 mm	http://www.jbc.org/cgi/content/abstract/M802996200v1
1813	N. Ertych, A. Stolz, A. Stenzinger, W. Weichert, S. Kaulfuß, P. Burfeind, A. Aigner, L. Wordeman and H. Bastians	Increased microtubule assembly rates influence chromosomal instability in colorectal cancer cells	Nat Cell Biol	2008	10.1038/nature07578	µ-Dish 35 mm glass bottom	http://www.nature.com/nature/journal/v457/n7230/abs/nature07578.html
1814	P. Heller, A. Birke, D. Huesmann, B. Weber, K. Fischer, A. Reske-Kunz, M. Bros and M. Barz	Introducing PeptoPlexes: Polylysine-block-Polysarcosine Based Polyplexes for Transfection of HEK 293T Cells	Macromolecular Bioscience	2008	10.1126/scisignal.143pl3	µ-Dish 35 mm glass bottom	http://stke.sciencemag.org/cgi/content/abstract/sigtrans;1/43/pl3
1815	S. Essayagh, J.-M. Xuereb, A.-D. Terrisse, L. Tellier-Cirioni, B. Pipy and P. Sié	Microparticles from apoptotic monocytes induce transient platelet recruitment and tissue factor expression by cultured human vascular endothelial cells via a redox sensitive mechanism	Thrombosis and Haemostasis	2008	10.1634/stemcells.2008-0528	µ-Dish 35 mm low	http://www3.interscience.wiley.com/journal/121676001/abstract?CRETRY=1&SRETRY=0
1816	A. Estecha, L. Sanchez-Martin, A. Puig-Kroger, R. A. Bartolome, J. Teixido, R. Samaniego and P. Sanchez-Mateos	Moesin orchestrates cortical polarity of melanoma tumour cells to initiate 3D invasion	J. Cell Sci.	2008	10.1128/ec.00004-08	µ-Dish 35 mm low	http://ec.asm.org/cgi/content/abstract/EC.00004-08v1

1817	C. Boehlke, F. Kotsis, V. Patel, S. Braeg, H. Voelker, S. Bredt, T. Beyer, H. Janusch, C. Hamann, M. Gödel, K. Müller, M. Herbst, M. Hornung, M. Doerken, M. Köttgen, R. Nitschke, P. Igarashi, G. Walz and E. W. Kuehn	Primary Cilia Regulate mTORC1 Activity and Cell Size Through Lkb1	Nature Cell Biology	2008		µ-Dish 35 mm low	http://www.sciencedirect.com/science?_ob=GatewayURL&_origin=ScienceSearch&_method=citationSearch&_piikey=S0014482707004259&_version=1&_returnURL=&md5=18989ed9354d6dcd404832b2a5e88a71
1818	V. Ahrens, R. Frank, S. Boehnke, C. Schütz, G. Hampel, D. Iffland, N. Bings, E. Hey-Hawkins and A. Beck-Sickinger	Receptor-Mediated Uptake of Boron-Rich Neuropeptide Y Analogues for Boron Neutron Capture Therapy	ChemMedChem	2008	10.1091/mbc.E08-04-0370	µ-Dish 35 mm low	http://www.molbiolcell.org/cgi/content/abstract/E08-04-0370v1
1819	D. L. Gibbons, L. Abeler-Dorner, T. Raine, I.-Y. Hwang, A. Jandke, M. Wencker, L. Deban, C. E. Rudd, P. M. Irving, J. H. Kehrl and A. C. Hayday	Cutting Edge: Regulator of G Protein Signaling-1 Selectively Regulates Gut T Cell Trafficking and Colitic Potential	The Journal of Immunology	2008	0.1111/j.1582-4934.2008.00472.x	µ-Dish 35 mm, µ-Slide VI 0.4, µ-Slide Angiogenesis	http://dx.doi.org/10.1111/j.1582-4934.2008.00472.x
1820	S. Frey and D. Görlich	A Saturated FG-Repeat Hydrogel Can Reproduce the Permeability Properties of Nuclear Pore Complexes	Cell	2008		µ-Dish, µ-Slide 8 well	http://linkinghub.elsevier.com/retrieve/pii/S0304383507006283
1821	T. N. Gaitanos, A. Santamaria, A. A. Jeyaprakash, B. Wang, E. Conti and E. A. Nigg	Stable kinetochore–microtubule interactions depend on the Ska complex and its new component Ska3/C13Orf3	The EMBO Journal	2008	10.1128/jvi.01011-08	µ-Dish, µ-Slide 8 well	http://jvi.asm.org/cgi/content/abstract/JVI.01011-08v1
1822	L. Gambardella, K. E. Anderson, C. Nussbaum, A. Segonds-Pichon, T. Margarido, L. Norton, T. Ludwig, M. Sperandio, P. T. Hawkins, L. Stephens and S. Vermeren	The GTPase Activating Protein ARAP3 Regulates Chemotaxis and Adhesion-Dependent Processes in Neutrophils	Blood	2008	10.1128/jvi.01342-07	µ-Dish, µ-Slide VI 0.4, µ-Slide I	http://jvi.asm.org/cgi/content/abstract/82/1/237
1823	F. Cao, R. A. Wagner, K. D. Wilson, X. Xie, J. D. Fu, M. Drukker, A. Lee, R. A. Li, S. S. Gambhir and I. L. Weissman	Transcriptional and functional profiling of human embryonic stem cell-derived cardiomyocytes	PLoS ONE	2008	10.1128/aac.00234-08	µ-Dish, µ-Slide y-shaped	http://aac.asm.org/cgi/content/abstract/AAC.00234-08v1
1824	Q. Hou, H. T. Tan, K. H. Lim, T. K. Lim, A. Khoo, I. B. H. Tan, K. G. Yeoh and M. C. M. Chung	Identification and Functional Validation of Caldesmon as a Potential Gastric Cancer Metastasis-Associated Protein	Journal of Proteome Research	2008	10.1111/j.1582-4934.2008.00561.x	µ-Slide 18 well flat	http://onlinelibrary.wiley.com/doi/10.1111/j.1582-4934.2008.00561.x/abstract

1825	A. Esteves, M. G-Fernandes, D. Santos, C. Januário and S. M. Cardoso	The Upshot of LRRK2 Inhibition to Parkinson's Disease Paradigm	Molecular Neurobiology	2008	10.1111/j.1365-2818.2008.01987.x	µ-Slide 18 well flat	http://www3.interscience.wiley.com/journal/119393173/abstract
1826	I. P. Huang, S.-P. Sun, S.-H. Cheng, C.-H. Lee, C.-Y. Wu, C.-S. Yang, L.-W. Lo and Y.-K. Lai	Enhanced Chemotherapy of Cancer Using pH-Sensitive Mesoporous Silica Nanoparticles to Antagonize P-Glycoprotein-Mediated Drug Resistance	Mol. Cancer Ther.	2008	10.1016/j.ijcard.2008.10.009	µ-Slide 2x9 well	
1827	M. Angermeier, F. Eckardt-Schupp and S. Moertl	A novel function of Ubc13 in TNFR1 receptor activation	Cellular Signalling	2008	10.1096/fj.08-112896	µ-Slide 8 well	http://www.fasebj.org/cgi/content/abstract/22/11/3908?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=&author1=noh&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT
1828	M. Kaucka, J. Petersen, P. Janovska, T. Radaszkiewicz, L. Smyckova, A. Daulat, J. Borg, G. Schulte and V. Bryja	Asymmetry of VANGL2 in migrating lymphocytes as a tool to monitor activity of the mammalian WNT/planar cell polarity pathway	Cell Communication and Signaling	2008	10.1038/cdd.2008.78	µ-Slide 8 well	http://www.nature.com/cdd/journal/v15/n10/full/cdd20087 8a.html
1829	M. R. Filipovic, J. Miljkovic, A. Allgaeuer, R. Chaurio, T. Shubina, M. Herrmann and I. Ivanovic-Burmazovic	Biochemical insight into physiological effects of H2S: reaction with peroxynitrite and formation of a new nitric oxide donor, sulfinyl nitrite	The Biochemical journal	2008		µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pubmed/18184993
1830	D. Diodato, F. Invernizzi, E. Lamantea, G. Fagiolari, R. Parini, F. Menni, G. Parenti, L. Bollani, E. Pasquini and M. Donati	Common and Novel TMEM70 Mutations in a Cohort of Italian Patients with Mitochondrial Encephalocardiomyopathy		2008	10.1016/j.cellsig.2008.05.017	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T2M-4SPJ1V6-1&_user=10&_coverDate=10%2F31%2F2008&_alid=1217031068&_rdoc=2&_fmt=high&_orig=search&_cdi=4922&_sort=r&_docanchor=&view=c&_ct=12&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=e73ba57f02e8f88d2320cb5458d5a575
1831	A. S. Karimullah, D. R. S. Cumming, M. Riehle and N. Gadeegard	Development of a Conducting Polymer Cell Impedance Sensor	Sensors and Actuators B: Chemical	2008	10.1016/j.bbrc.2008.10.104	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WBK-4TSC24R-B&_user=616146&_coverDate=12%2F19%2F2008&_alid=1105788728&_rdoc=2&_fmt=high&_orig=search&_cdi=6713&_sort=r&_docanchor=&view=c&_ct=12&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=c843553cf843161b9ccc7e92ec556f36
1832	S. Duhr and D. Braun	From the Cover: Why molecules move along a temperature gradient	PNAS	2008	10.1007/s00436-008-1192-0	µ-Slide 8 well	http://dx.doi.org/10.1007/s00436-008-1192-0

1833	C. Boscher, Y. Z. Zheng, R. Lakshminarayan, L. Johannes, J. W. Dennis, L. J. Foster and I. R. Nabi	Galectin-3 Protein Regulates Mobility of N-cadherin and GM1 Ganglioside at Cell-Cell Junctions of Mammary Carcinoma Cells	Journal of Biological Chemistry	2008	10.1074/mcp.M700548-MCP200	µ-Slide 8 well	http://www.mcponline.org/cgi/content/abstract/M700548-MCP200v1
1834	A. Francke, J. Herold, S. Weinert, R. H. Strasser and R. C. Braun-Dullaeus	Generation of Mature Murine Monocytes from Heterogeneous Bone Marrow and Description of Their Properties	Journal of Histochemistry & Cytochemistry	2008	10.1016/j.virol.2008.04.041	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WXR-4SSRDV8-4&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=fe885488fdb7b42c2dd2d49adcf1a17d
1835	S. Ghosh, H. Shinogle, G. Garg, G. Vielhauer, J. Holzbeierlein, R. Dobrowsky and B. Blagg	Hsp90 C-Terminal Inhibitors Exhibit Antimigratory Activity by Disrupting the Hsp90?/Aha1 Complex in PC3-MM2 Cells	ACS Chemical Biology	2008	10.1128/JVI.01818-08	µ-Slide 8 well	http://jvi.asm.org/cgi/content/abstract/JVI.01818-08v1
1836	B. Förthmann, H. Brinkmann, A. Ratzka, M. Stachowiak, C. Grothe and P. Claus	Immobile survival of motoneuron (SMN) protein stored in Cajal bodies can be mobilized by protein interactions	Cellular and Molecular Life Sciences	2008		µ-Slide 8 well	http://www.cell.com/chemistry-biology/abstract/S1074-5521%2808%2900126-9
1837	S. Elgass, A. Cooper and M. Chopra	Lycopene treatment of prostate cancer cell lines inhibits adhesion and migration properties of the cells	International Journal of Medical Sciences	2008	10.1021/bc800172q	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/bc800172q?prevSearch=Walther&searchHistoryKey=
1838	P. Bhoopathi, C. Chetty, V. R. Gogineni, M. Gujrati, D. H. Dinh, J. S. Rao and S. S. Lakka	MMP-2 mediates mesenchymal stem cell tropism towards medulloblastoma tumors	Gene therapy	2008	10.1016/j.archoralbio.2008.02.014	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T4J-4S9RDJF-2&_user=10&_coverDate=08%2F31%2F2008&_alid=1222197882&_rdoc=1&_fmt=high&_orig=search&_cdi=4976&_sort=r&_docanchor=&view=c&_ct=2&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=c74fc994192fce8d8e36fcb2c91bc341
1839	C. Caramella, G. Sandri, S. Rossi, M. Mori, M. Cristina Bonferoni, F. Ferrari, C. Del Fante and C. Perotti	New therapeutic platforms for the treatment of epithelial and cutaneous lesions	Current drug delivery	2008	10.1136/gut.2008.154401	µ-Slide 8 well	http://gut.bmj.com/cgi/content/abstract/58/4/550
1840	S. Kotak, C. Busso and P. Gönczy	NuMA phosphorylation by CDK1 couples mitotic progression with cortical dynein function	The EMBO Journal	2008	10.1042/BJ20080630	µ-Slide 8 well	http://www.biochemj.org/bj/414/bj4140407.htm
1841	E. Josefsson, D. Burnett, M. Lebois, M. Debrincat, M. White, K. Henley, R. Lane, D. Moujalled, S. Preston and L. O'Reilly	Platelet production proceeds independently of the intrinsic and extrinsic apoptosis pathways	Nature Communications	2008	10.1016/j.cub.2008.08.053	µ-Slide 8 well	http://www.cell.com/current-biology/abstract/S0960-9822%2808%2901131-7

1842	W. Hübner, G. P. McNerney, P. Chen, B. M. Dale, R. E. Gordon, F. Chuang, X. D. Li, D. M. Asmuth, T. Huser and B. K. Chen	Quantitative 3D video microscopy of HIV transfer across T cell virological synapses	Science	2008	10.1083/jcb.200805140	µ-Slide 8 well	http://www.jcb.org/cgi/content/abstract/182/5/911
1843	A. Chauvin, F. Thomas, B. Song, C. Vandevyver and J. Bünzli	Synthesis and cell localization of self-assembled dinuclear lanthanide bioprobes	Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences	2008	10.1084/jem.20080072	µ-Slide 8 well	http://jem.rupress.org/cgi/content/abstract/205/10/2381?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=1&author1=Shivtiel&andorexacttitle=and&andorexacttitleabs=and&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT
1844	L. Gerstenmaier, R. Pilla, L. Herrmann, H. Herrmann, M. Prado, G. Villafano, M. Kolonko, R. Reimer, T. Soldati, J. King and M. Hagedorn	The autophagic machinery ensures nonlytic transmission of mycobacteria	Proceedings of the National Academy of Sciences	2008	10.1016/j.biomaterials.2008.11.007	µ-Slide 8 well	http://www.sciencedirect.com/science/article/B6TWB-4V2PSTD-2/2/25b9982c37d4b9492766c42a1619964d
1845	A. Feuerborn, P. K. Srivastava, S. Küffer, W. A. Grandy, T. P. Sijmonsma, N. Gretz, B. Brors and H. J. Gröne	The Forkhead factor FoxQ1 influences epithelial differentiation	Journal of Cellular Physiology	2008		µ-Slide 8 well	http://dx.doi.org/10.1002/cmdc.200800013
1846	C. Di Rienzo, E. Jacchetti, F. Cardarelli, R. Bizzarri, F. Beltram and M. Cecchini	Unveiling LOX-1 receptor interplay with nanotopography: mechanotransduction and atherosclerosis onset	Scientific reports	2008	10.1016/j.nbd.2008.06.010	µ-Slide 8 well	http://www.sciencedirect.com/science/article/B6WNK-4SWWT23-5/2/65274eb529066f7cca381c42c3337976
1847	S. P. Galuska, M. Rollenhagen, M. Kaup, K. Eggers, I. Oltmann-Norden, M. Schiff, M. Hartmann, B. Weinhold, H. Hildebrandt, R. Geyer, M. Muhlenhoff and H. Geyer	From the Cover: Synaptic cell adhesion molecule SynCAM 1 is a target for polysialylation in postnatal mouse brain	PNAS	2008	10.1074/jbc.M805550200	µ-Slide 8 well, µ-Dish 35 mm	http://www.jbc.org/cgi/content/abstract/M805550200v1

1848	L. Gambardella, M. Hemberger, B. Hughes, E. Zudaire, S. Andrews and S. Vermeren	PI3K Signaling Through the Dual GTPase-Activating Protein ARAP3 Is Essential for Developmental Angiogenesis	Sci. Signal.	2008	10.1096/fj.08-117127.	µ-Slide Angiogenesis, µ-Slide Chemotaxis 2D	http://www.fasebj.org/cgi/content/abstract/fj.08-117127v1
1849	J. Fink, M. Théry, A. Azioune, R. Dupont, F. Chatelain, M. Bornens and M. Piel	Comparative study and improvement of current cell micro-patterning techniques	Lab on a Chip	2008	10.1128/jb.01940-07	µ-Slide Chemotaxis 2D	http://jb.asm.org/cgi/content/abstract/JB.01940-07v1
1850	K. Drosopoulos, C. Tang, W. Chao and S. Linardopoulos	APC/C is an essential regulator of centrosome clustering	Nature Communications	2008	10.1016/j.jconrel.2008.03.019	µ-Slide I	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T3D-4S575P2-1&_user=616146&_coverDate=06%2F24%2F2008&_alid=1107713672&_rdoc=42&_fmt=high&_orig=search&_cdi=4944&_sort=r&_docanchor=&view=c&_ct=205&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=02b35c577f1d224b730374821ce7072b
1851	G. Baier, C. Costa, A. Zeller, D. Baumann, C. Sayer, P. H. H. Araujo, V. Mailänder, A. Musyanovych and K. Landfester	BSA Adsorption on Differently Charged Polystyrene Nanoparticles using Isothermal Titration Calorimetry and the Influence on Cellular Uptake	Macromolecular Bioscience	2008	10.1007/s00424-008-0475-8	µ-Slide I	http://www.springerlink.com/content/qk35gp3701337004/
1852	S. Broos, K. Lundberg, T. Akagi, K. Kadowaki, M. Akashi, L. Greiff, C. A. K. Borrebaeck and M. Lindstedt	Immunomodulatory nanoparticles as adjuvants and allergen-delivery system to human dendritic cells: Implications for specific immunotherapy	Vaccine	2008	PMID: 18386182	µ-Slide I	http://www.springerlink.com/content/t7975325nnq52466/?p=e79a177c3f4d420ebe8ce29f036f96d2&pi=2
1853	L. E. Chávez de Paz, I. R. Hamilton and G. Svensäter	Oral bacteria in biofilms exhibit slow reactivation from nutrient deprivation	Microbiology	2008	10.1242/jcs.030627	µ-Slide I	http://jcs.biologists.org/cgi/content/abstract/jcs.030627v1
1854	M. Akl, A. Foudah, H. Ebrahim, S. Meyer and K. Sayed	The Marine-Derived Sipholenol A-4-O-3, 4-Dichlorobenzoate Inhibits Breast Cancer Growth and Motility in Vitro and in Vivo through the Suppression of Brk and FAK Signaling	Marine drugs	2008		µ-Slide I	http://www.fasebj.org/cgi/content/meeting_abstract/22/1_MeetingAbstracts/964.22?maxtoshow=&hits=10&RESULTFORMAT=&author1=bowman&andorexacttitle=and&andorexacttitleabs=and&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=relevance&fdate=1/1/2008&tdate=12/31/2008&resourcetype=HWCIT
1855	T. Lenhard, U. Hülsermann, F. Martinez-Torres, G. Fricker and U. Meyding-Lamadé	A simple method to quickly and simultaneously purify and enrich intact rat brain microcapillaries and endothelial and glial cells for< i> ex vivo</i> studies and cell culture	Brain research	2008	10.1161/circulationaha.107.758904	µ-Slide I Luer	http://circ.ahajournals.org/cgi/content/abstract/CIRCULATIONAHA.107.758904v1

1856	Z. Darwich, A. S. Klymchenko, O. A. Kucherak, L. Richert and Y. Mely	Detection of apoptosis through the lipid order of the outer plasma membrane leaflet	Biochimica et Biophysica Acta (BBA)-Biomembranes	2008	10.1093/nar/gkn412	µ-Slide I Luer	http://nar.oxfordjournals.org/cgi/content/abstract/gkn412v1
1857	G. Q. Li, G. A. Kevetter, R. B. Leonard, D. J. Prusak, T. G. Wood and M. J. Correia	Muscarinic acetylcholine receptor subtype expression in avian vestibular hair cells, nerve terminals and ganglion cells	Neuroscience	2008	10.1371/journal.pgen.1000289	µ-Slide I Luer	http://dx.doi.org/10.1371%2Fjournal.pgen.1000289
1858	J. Dudás, A. Fullár, M. Bitsche, V. Schartinger, I. Kovalszky, G. M. Sprinzl and H. Riechelmann	Tumor-produced, active Interleukin-1 [beta] regulates gene expression in carcinoma-associated fibroblasts	Experimental Cell Research	2008	10.1529/biophysj.107.113068	µ-Slide I Luer	http://www.biophysj.org/cgi/content/abstract/biophysj.107.113068v1
1859	M. Cebecauer, J. Humpolckova and J. Rossy	Advanced imaging of cellular signaling events	Imaging and Spectroscopic Analysis of Living Cells: Live Cell Imaging of Cellular Elements and Functions	2008	10.1371/journal.pone.0002507.	µ-Slide VI 0.4	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2429966
1860	E. B. Byun, S. Korematsu, T. Ishikawa, T. Nishizuka, S. Ohshima, T. Kanda and T. Matsui	Apple procyanidins induce hyperpolarization of rat aorta endothelial cells via activation of K+ channels	The Journal of Nutritional Biochemistry	2008	10.1074/jbc.M801647200	µ-Slide VI 0.4	http://www.jbc.org/cgi/content/abstract/M801647200v1
1861	O. Cizmecioglu, M. Arnold, R. Bahtz, F. Settele, L. Ehret, U. Haselmann-WeiÃŸ, C. Antony and I. Hoffmann	Cep152 acts as a scaffold for recruitment of Plk4 and CPAP to the centrosome	The Journal of cell biology	2008	10.1242/jcs.020412	µ-Slide VI 0.4	http://jcs.biologists.org/cgi/content/abstract/121/2/205
1862	H. Chen, S. Wiedmer, S. Hanig, R. Entzeroth and M. Kurth	Development of Eimeria nieschulzi (Coccidia, Apicomplexa) Gamonts and Oocysts in Primary Fetal Rat Cells	Journal of Parasitology Research	2008	10.1128/JVI.01543-08	µ-Slide VI 0.4	http://jvi.asm.org/cgi/content/abstract/JVI.01543-08v1

1863	G. Gadea, V. Sanz-Moreno, A. Self, A. Godi and C. J. Marshall	DOCK10-Mediated Cdc42 Activation Is Necessary for Amoeboid Invasion of Melanoma Cells	Current Biology	2008	10.1002/eji.200737331	µ-Slide VI 0.4	http://www.wiley-vch.de/contents/jc_2040/2008/37331_s.pdf
1864	R. Funk and R. Monsees	Effects of Electromagnetic Fields on Cells: Physiological and Therapeutical Approaches and Molecular Mechanisms of Interaction	Cells Tissues Organs	2008	10.1016/j.jbiomech.2008.08.010	µ-Slide VI 0.4	http://www.jbiomech.com/article/S0021-9290%2808%2900416-8/abstract
1865	B. Fratto, L. Roby, N. Guz and E. Katz	Enzyme-based logic gates switchable between OR, NXOR and NAND Boolean operations realized in a flow system	Chemical Communications	2008	10.1111/j.1365-2443.2008.01187.x	µ-Slide VI 0.4	http://www.blackwell-synergy.com/doi/abs/10.1111/j.1365-2443.2008.01187.x
1866	A. Al-Ahmad, J. Maier, M. Follo, B. Spitzmüller, A. Wittmer, E. Hellwig, J. Hübner and D. Jonas	Food-borne Enterococci Integrate Into Oral Biofilm: An In Vivo Study	Journal of Endodontics	2008		µ-Slide VI 0.4	http://www.genestocellsonline.org/cgi/content/abstract/13/3/269?maxtoshow=&hits=10&RESULTFORMAT=&author1=amano&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT
1867	M. Álvarez-Fernández, R. Sánchez-Martínez, B. Sanz-Castillo, P. Gan, M. Sanz-Flores, M. Trakala, M. Ruiz-Torres, T. Lorca, A. Castro and M. Malumbres	Greatwall is essential to prevent mitotic collapse after nuclear envelope breakdown in mammals	Proceedings of the National Academy of Sciences	2008	10.1189/jlb.0208088	µ-Slide VI 0.4	http://www.jleukbio.org/cgi/content/abstract/jlb.0208088v1
1868	B. del Rosal, P. Haro-González, W. Ramsay, L. Maestro, K. Santacruz-Gómez, M. Iglesias-de la Cruz, F. Sanz-Rodríguez, J. Chooi, P. Rodríguez-Sevilla and D. Choudhury	Heat in optical tweezers	SPIE NanoScience+ Engineering	2008	PMID: 19054063	µ-Slide VI 0.4	http://www3.interscience.wiley.com/journal/121477481/abstract
1869	G. Carlier, A. Maugein, C. Cordier, S. Pechberty, M. Garfa-Traoré, P. Martin, R. Scharfmann and O. Albagli	Human Fucci Pancreatic Beta Cell Lines: New Tools to Study Beta Cell Cycle and Terminal Differentiation	PloS one	2008	10.1007/s00535-008-2162-0	µ-Slide VI 0.4	http://www.springerlink.com/content/8q2241326u0p7477/
1870	J. Chen, C. Tsai, H. Lin, C. Huang, Y. Leung, S. Lai, C. Tsai, P. Chang, D. Lu and C. Lin	Interlukin-18 Is a Pivot Regulatory Factor on Matrix Metalloproteinase-13 Expression and Brain Astrocytic Migration	Molecular Neurobiology	2008		µ-Slide VI 0.4	http://www.jimmunol.org/cgi/content/abstract/181/5/3567
1871	P. Fernandez, M. Maier, M. Lindauer, C. Kuffer, Z. Storchova and A. R. Bausch	Mitotic Spindle Orients Perpendicular to the Forces Imposed by Dynamic Shear	PLoS ONE	2008	1099-138710.1002/psc.968	µ-Slide VI 0.4	http://dx.doi.org/10.1002/psc.968

1872	M. Lukasova, C. Malaval, A. Gille, J. Kero and S. Offermanns	Nicotinic acid inhibits progression of atherosclerosis in mice through its receptor GPR109A expressed by immune cells	J Clin Invest	2008	10.1152/ajpcell.00335.2007	µ-Slide VI 0.4	http://ajpcell.physiology.org/cgi/content/abstract/00335.2007v1
1873	A. Mahara, H. Chen, K. Ishihara and T. Yamaoka	Phospholipid polymer-based antibody immobilization for cell rolling surfaces in stem cell purification system	J Biomater Sci Polym Ed	2008	10.1016/j.neuron.2008.01.012	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/B6WSS-4S1SWWH-9/2/055cfa524e61d568ce6cec4a81b00781
1874	H. Alborzinia, H. Schmidt-Glenewinkel, I. Ilkavets, K. Breitkopf-Heinlein, X. Cheng, P. Hortschansky, S. Dooley and S. Wölfl	Quantitative kinetic analysis of BMP2 uptake into cells and its modulation by BMP-antagonists	Journal of Cell Science	2008	10.1124/mol.108.045773	µ-Slide VI 0.4	http://molpharm.aspetjournals.org/cgi/content/abstract/mol.108.045773v1
1875	D. Bettenworth, P. Lenz, P. Krausewitz, M. Brückner, S. Ketelhut, D. Domagk and B. Kemper	Quantitative Stain-free and Continuous Multimodal Monitoring of Wound Healing In Vitro with Digital Holographic Microscopy	PloS one	2008	10.1007/s00210-008-0320-9	µ-Slide VI 0.4	http://dx.doi.org/10.1007/s00210-008-0320-9
1876	A. Cam and E. G. de Mejia	RGD-peptide lunasin inhibits Aktâ€?mediated NF-kB activation in human macrophages through interaction with the alpaVbetha3 integrin	Molecular Nutrition & Food Research	2008	10.1099/mic.0.2008/016576-0	µ-Slide VI 0.4	http://mic.sgmjournals.org/cgi/content/abstract/154/7/1927
1877	R. Faryammanesh, T. Lange, E. Magbanua, S. Haas, C. Meyer, D. Wicklein, U. Schumacher and U. Hahn	SDA, a DNA Aptamer Inhibiting E-and P-Selectin Mediated Adhesion of Cancer and Leukemia Cells, the First and Pivotal Step in Transendothelial Migration during Metastasis Formation	PLOS ONE	2008	10.1529/biophysj.107.127191	µ-Slide VI 0.4	http://www.biophysj.org/cgi/content/abstract/biophysj.107.127191v1
1878	M. Alvarez-Saavedra, Y. De Repentigny and P. S. Lagali	Snf2h-mediated chromatin organization and histone H1 dynamics govern cerebellar morphogenesis and neural maturation	Nat Commun	2008	10.1038/ni.1623	µ-Slide VI 0.4	http://www.nature.com/ni/journal/v9/n7/full/ni0708-716.html
1879	S. Lorenz, S. Tomcin and V. Mailänder	Staining of Mitochondria with Cy5-Labeled Oligonucleotides for Long-Term Microscopy Studies	Microscopy and Microanalysis	2008	10.1007/4243_2008_028	µ-Slide VI 0.4	http://dx.doi.org/10.1007/4243_2008_028
1880	M. Fares, S. Abou-Seri, H. Abdel-Aziz, S. Abbas, M. Youssef and R. Eladwy	Synthesis and antitumor activity of pyrido [2,3-d]pyrimidine and pyrido[2,3-d] [1,2,4]triazolo[4,3-a]pyrimidine derivatives that induce apoptosis through G1 cell-cycle arrest	European Journal of Medicinal Chemistry	2008	10.1096/fj.08-108712	µ-Slide VI 0.4	http://www.fasebj.org/cgi/content/abstract/fj.08-108712v1

1881	M. Börkman, P. Östling, V. Härmä¤, J. Virtanen, J. P. Mpindi, J. Rantala, T. Mirtti, T. Vesterinen, M. Lundin and A. Sankila	Systematic knockdown of epigenetic enzymes identifies a novel histone demethylase PHF8 overexpressed in prostate cancer with an impact on cell proliferation, migration and invasion	Oncogene	2008	10.1083/jcb.200808097	µ-Slide VI 0.4	http://jcb.rupress.org/cgi/content/abstract/183/5/769
1882	L. Batti, M. Mukhtarov, E. Audero and A. Ivanov	Transgenic mouse lines for non-invasive ratiometric monitoring of intracellular chloride	Frontiers in molecular neuroscience	2008	10.1002/hep.22443	µ-Slide VI 0.4	http://www3.interscience.wiley.com/search/allsearch?mode=viewselected&product=journal&ID=119817370&view_selected.x=80&view_selected.y=6&view_selected=view_selected
1883	P. Ariano, S. Dalmazzo, G. Owsianik, B. Nilius and D. Lovisolo	TRPC channels are involved in calcium-dependent migration and proliferation in immortalized GnRH neurons	Cell Calcium	2008	10.1172/JCI32698.	µ-Slide VI 0.4	http://www.pubmedcentral.nih.gov/articlerender.fcgi?tool=pmcentrez&artid=2269726#supplementary-material-sec
1884	C. Baraquet, L. Théraulaz, C. Iobbi-Nivol, V. Méjean and C. Jourlin-Castelli	Unexpected chemoreceptors mediate energy taxis towards electron acceptors in Shewanella oneidensis	Molecular Microbiology	2008		µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/B6VRP-4T8JBDV-9/2/4fa71bbd7afbf1cef3906f265ba074f3
1885	V. Aldridge, A. Garg, N. Davies, D. C. Bartlett, J. Youster, H. Beard, D. P. Kavanagh, N. Kalia, J. Frampton and P. F. Lalor	Human mesenchymal stem cells are recruited to injured liver in a beta1 integrin and CD44 dependent manner	HEPATOLOGY	2008	10.1242/dev.020461	µ-Slide VI 0.4,	http://dev.biologists.org/cgi/content/abstract/dev.020461v1
1886	A. Ganguly, H. Yang, R. Sharma, K. D. Patel and F. Cabral	The Role of Microtubules and Their Dynamics in Cell Migration	Journal of Biological Chemistry	2008	10.1210/en.2007-1001	µ-Slide VI 0.4, µ-Dish	http://endo.endojournals.org/cgi/content/abstract/149/3/1314
1887	M. Mandl, S. Schmitz, C. Weber and M. Hristov	Characterization of the CD14++ CD16+ Monocyte Population in Human Bone Marrow	PloS one	2008	10.3233/CH-2008-1074	µ-Slide y-shaped	http://iospress.metapress.com/content/n276687g2t32j83v/
1888	G. Manina, N. Dhar and J. McKinney	Stress and Host Immunity Amplify Mycobacterium tuberculosis Phenotypic Heterogeneity and Induce Nongrowing Metabolically Active Forms	Cell Host & Microbe	2008	doi:10.1111/j.1538-7836.2008.02925.x	µ-Slide y-shaped	http://www.blackwell-synergy.com/doi/abs/10.1111/j.1538-7836.2008.02925.x
1889	R. Gilabert-Oriol, M. Thakur, B. von Mallinckrodt, C. Bhargava, B. Wiesner, J. Eichhorst, M. Melzig, H. Fuchs and A. Weng	Reporter Assay for Endo/Lysosomal Escape of Toxin-Based Therapeutics	Toxins	2008	10.1083/jcb.200708043	ibidi Heating System, Olympus IX71	http://www.jcb.org/cgi/content/abstract/180/5/989

1890	M. Bosnjak, L. Prosen, T. Dolinsek, T. Blagus, B. Markelc, M. Cemazar, C. Bouquet and G. Sersa	Biological Properties of Melanoma and Endothelial Cells after Plasmid AMEP Gene Electrotransfer Depend on Integrin Quantity on Cells	The Journal of Membrane Biology	2007		µ-Dish	http://www3.interscience.wiley.com/journal/121586827/abstract
1891	A. Arguinzoniz, N. Blanco, P. Legarra and J. Mareque-Rivas	Enhanced cancer cell killing of a Pt (IV) prodrug promoted by outer-sphere coordination with polyethyleneimines	Dalton Transactions	2007		µ-Dish	http://www.nature.com/emboj/journal/v26/n4/full/7601573a.html
1892	D. Bandarra, J. Biddlestone, S. Mudie, H. Muller and S. Rocha	HIF-1alpha restricts NF-kappaB dependent gene expression to control innate immunity signals	Disease models & mechanisms	2007		µ-Dish	http://www.nature.com/ncb/journal/v9/n3/full/ncb1543.html
1893	A. Fercher, S. M. Borisov, A. V. Zhdanov, I. Klimant and D. B. Papkovsky	Intracellular O2 Sensing Probe Based on Cell-penetrating Phosphorescent Nanoparticles	ACS nano	2007	10.1158/0008-5472.can-07-0663	µ-Dish	http://cancerres.aacrjournals.org/cgi/content/abstract/67/13/6342
1894	L. Eiselleova, K. Matulka, V. Kriz, M. Kunova, Z. Schmidtova, J. Neradil, B. Tichy, D. Dvorakova, S. Pospisilova, A. Hampl and P. Dvorak	A Complex Role for FGF-2 in Self-Renewal, Survival, and Adhesion of Human Embryonic Stem Cells	Stem Cells	2007		µ-Dish 35 mm	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WDG-4P40KRC-4&_user=616146&_coverDate=09%2F01%2F2007&_alid=1107718383&_rdoc=1&_fmt=high&_orig=search&_cdi=6766&_sort=r&_docanchor=&view=c&_ct=1&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=dd81cd3d2682a9524b4b6295371f3db1
1895	J. Grohm, N. Plesnila and C. Culmsee	Bid mediates fission, membrane permeabilization and peri-nuclear accumulation of mitochondria as a prerequisite for oxidative neuronal cell death	Brain Behav Immun	2007	10.1161/strokeaha.107.488765	µ-Dish 35 mm	http://stroke.ahajournals.org/cgi/content/abstract/38/11/3000
1896	A. Duggirala, T. E. Kimura, G. B. Sala-Newby, J. Johnson, Y. Wu, A. Newby and M. Bond	cAMP-induced actin cytoskeleton remodelling inhibits MKL1-dependent expression of the chemotactic and pro-proliferative factor, CCN1	Journal of Molecular and Cellular Cardiology	2007	10.1074/jbc.M706803200	µ-Dish 35 mm	http://www.jbc.org/cgi/content/abstract/282/45/32730
1897	J.-J. Cheng, M.-K. Lu, C.-Y. Lina and C.-C. Chang	Characterization and functional elucidation of a fucosylated 1, 6-[alpha]-d-mannogalactan polysaccharide from Antrodia cinnamomea	Carbohydrate Polymers	2007		µ-Dish 35 mm	http://www3.interscience.wiley.com/search/allsearch?mode=viewselected&product=journal&ID=122603486&view_selected.x=92&view_selected.y=5&view_selected=view_selected

1898	D. Gutowska-Owsiak, T. Selvakumar, M. Salimi, S. Taylor and G. Ogg	Histamine enhances keratinocyte-mediated resolution of inflammation by promoting wound healing and response to infection	Clinical and experimental dermatology	2007		µ-Dish 35 mm	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WBK-4P2JBB5-3&_user=616146&_coverDate=08%2F31%2F2007&_alid=1107694015&_rdoc=14&_fmt=high&_orig=search&_cdi=6713&_sort=r&_docanchor=&view=c&_ct=87&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=6d3a1ee7cb43c4bd861c4992180acf66
1899	A. Ahmed Haji Omar, J. Korvala, C. Haglund and S. Virolainen	Toll-like receptors -4 and -5 in oral and cutaneous squamous cell carcinomas	Journal of Oral Pathology & Medicine	2007		µ-Dish 35 mm	http://www.ncbi.nlm.nih.gov/pubmed/17538708
1900	C. Bird, M. Christensen, M. Mangan, M. Prakash, K. Sedelies, M. Smyth, I. Harper, N. Waterhouse and P. Bird	The granzyme B-Serpinb9 axis controls the fate of lymphocytes after lysosomal stress	Cell Death & Differentiation	2007		µ-Slide 18 well flat	http://www.cell.com/abstract/S0092-8674%2807%2900791-X
1901	L. Fournier, C. Gauron, L. Xu, I. Aujard, T. Le Saux, N. Gagey-Eilstein, S. Maurin, S. Dubruille, J. Baudin and D. Bensimon	A Blue-Absorbing Photolabile Protecting Group for in Vivo Chromatically Orthogonal Photoactivation	ACS chemical biology	2007	10.1038/nature05828	µ-Slide 8 well	http://www.nature.com/nature/journal/v447/n7147/full/nature05828.html
1902	S. Bauhuber, R. Liebl, L. Tomasetti, R. Rachel, A. Goepferich and M. Breunig	A library of strictly linear poly (ethylene glycol)-poly (ethylene imine) diblock copolymers to perform structure-function-relationship of non-viral gene carriers	Journal of Controlled Release	2007		µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WFV-4R9JV0C-1&_user=616146&_coverDate=06%2F30%2F2008&_alid=1107678053&_rdoc=1&_fmt=high&_orig=search&_cdi=6804&_sort=r&_docanchor=&view=c&_ct=9&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=136a14f265ea50a778295c2e3a201ab3
1903	A. Chui, P. Murthi, T. Gunatillake, S. Brennecke, V. Ignjatovic, P. Monagle, J. Whitelock and J. Said	Altered Decorin Leads to Disrupted Endothelial Cell Function: A Possible Mechanism in the Pathogenesis of Fetal Growth Restriction?	Placenta	2007		µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T9N-4KHBYFK-5&_user=616146&_coverDate=02%2F28%2F2007&_alid=1107816698&_rdoc=5&_fmt=high&_orig=search&_cdi=5119&_sort=r&_docanchor=&view=c&_ct=8&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=dafa1f0610a039020859f913093e0040
1904	X. Gang, G. Wang and H. Huang	Androgens regulate SMAD ubiquitination regulatory factor-1 expression and prostate cancer cell invasion	The Prostate	2007	10.1007/s00109-007-0238-6.	µ-Slide 8 well	http://www.springerlink.com/content/x642567122391564/?p=2ba0c086498f4a52be214ba2a09bfe82&pi=0

1905	A. Bauer, T. Nolden, J. Schröter, A. Römer-Oberdörfer, S. Gluska, E. Perlson and S. Finke	Anterograde Glycoprotein Dependent Transport of Newly Generated Rabies Virus in Dorsal Root Ganglion Neurons	Journal of virology	2007	10.1083/jcb.200706099	µ-Slide 8 well	http://www.jcb.org/cgi/content/abstract/179/7/1555
1906	C. Ganas, A. Weiß, M. Nazarenus, S. Rösler, T. Kissel, P. Rivera Gil and W. Parak	Biodegradable capsules as non-viral vectors for in vitro delivery of PEI/siRNA polyplexes for efficient gene silencing	Journal of Controlled Release	2007		µ-Slide 8 well	http://www.springerlink.com/content/j74j681350m243h2/?p=3e38f5b2272e485ba1881ea5177ac4a0&pi=0
1907	A. Carey, M. Singer, D. Bargieri, S. Thiberge, F. Frischknecht, R. Ménard and R. Amino	Calcium dynamics of Plasmodium berghei sporozoite motility	Cellular microbiology	2007	10.1152/ajpgi.00272.2007	µ-Slide 8 well	http://ajpgi.physiology.org/cgi/content/abstract/294/1/G99
1908	J. Kelsey, T. Geczy, N. Lewin, N. Kedei, C. Hill, J. Selezneva, C. Valle, W. Woo, I. Gorshkova and P. Blumberg	Charge Density Influences C1 Domain Ligand Affinity and Membrane Interactions	ChemBioChem	2007	10.1021/la7017727	µ-Slide 8 well	http://pubs.acs.org/doi/abs/10.1021/la7017727
1909	M. Bruce, K. Wang, T. Frappart, O. Couture, A. Criton, J. Correas, J. Bercoff and M. Tanter	Clinical feasibility of ultrafast imaging of microbubbles	Oral program	2007	10.1093/nar/gkm933	µ-Slide 8 well	http://nar.oxfordjournals.org/cgi/content/abstract/35/22/7665
1910	I. Evnouchidou, M. Weimershaus, L. Saveanu and P. van Endert	ERAP1–ERAP2 Dimerization Increases Peptide-Trimming Efficiency	The Journal of Immunology	2007		µ-Slide 8 well	http://www3.interscience.wiley.com/search/allsearch?mode=viewselected&product=journal&ID=118541890&view_selected.x=61&view_selected.y=7&view_selected=view_selected
1911	C. Blom, B. Deller, D. Fraser, E. Patterson, C. Martin, B. Young, P. Liaw, P. Yazdan-Ashoori, A. Ortiz and B. Webb	Human severe sepsis cytokine mixture increases beta2-integrin-dependent polymorphonuclear leukocyte adhesion to cerebral microvascular endothelial cells in vitro	Critical Care	2007		µ-Slide 8 well	http://www.ncbi.nlm.nih.gov/pubmed/17273999
1912	N. J. Foy, M. Akhrymuk, A. V. Shustov, E. I. Frolova and I. Frolov	Hypervariable Domain of Nonstructural Protein nsP3 of Venezuelan Equine Encephalitis Virus Determines Cell-Specific Mode of Virus Replication	Journal of Virology	2007		µ-Slide 8 well	http://ajpcell.physiology.org/cgi/content/abstract/293/3/C839?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=&author1=Torchalski&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT
1913	F. Bordeleau, L. Galarneau, S. Gilbert, A. Loranger and N. Marceau	Keratin 8/18 Modulation of Protein Kinase C-mediated Integrin-dependent Adhesion and Migration of Liver Epithelial Cells	Molecular Biology of the Cell	2007		µ-Slide 8 well	http://www.biomedcentral.com/1471-2199/8/81

1914	S. Elgass, A. Cooper and M. Chopra	Lycopene treatment of androgen-independent prostate cancer cell lines increases the level of Inhibitor kappa B-alpha but inhibits the adhesion and migration properties of the cells	e-SPEN Journal	2007	10.1016/j.yexcr.2 007.05.016	µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WFC-4NS2GMN-5&_user=616146&_coverDate=07%2F15%2F2007&_alid=1107767260&_rdoc=37&_fmt=high&_orig=search&_cdi=6791&_sort=r&_docanchor=&view=c&_ct=39&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=8154879a6694f96d88c00e509d37d79b
1915	D. Aigner, R. Dmitriev, S. Borisov, D. Papkovsky and I. Klimant	pH-sensitive perylene bisimide probes for live cell fluorescence lifetime imaging	Journal of Materials Chemistry B	2007		µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T0M-4MRFC2D-2&_user=10&_coverDate=02%2F28%2F2007&_alid=1222200297&_rdoc=2&_fmt=high&_orig=search&_cdi=4866&_sort=r&_docanchor=&view=c&_ct=2&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=b87d070a5bc8012617c346e88d1b5505
1916	R. Evans, A. C. Lellouch, L. Svensson, A. McDowall and N. Hogg	The integrin LFA-1 signals through ZAP-70 to regulate expression of high affinity LFA-1 on T lymphocytes	Blood	2007		µ-Slide 8 well	http://www.rsc.org/Publishing/Journals/jm/News/HotPara k.asp
1917	M. Bleackley, J. Wiltshire, F. Perrine-Walker, S. Vasa, R. Burns, N. van der Weerden and M. Anderson	The plasma membrane transregulator of polyamine uptake Agp2p regulates the antifungal activity of the plant defensin NaD1 and other cationic peptides	Antimicrobial agents and chemotherapy	2007		µ-Slide 8 well	http://cat.inist.fr/?aModele=afficheN&cpsidt=18967213
1918	N. A. Akawi, F. E. Canpolat, S. M. White, J. Quilis-Esquerra, M. M. Sanchez, M. J. Gamundi, G. H. Mochida, C. A. Walsh, B. R. Ali and L. Al-Gazali	Delineation of the Clinical, Molecular and Cellular Aspects of Novel JAM3 Mutations Underlying the Autosomal Recessive Hemorrhagic Destruction of the Brain, Subependymal Calcification and Congenital Cataracts	Human Mutation	2007		µ-Slide Chemotaxis 2D	http://www.nature.com/nmeth/journal/v4/n7/full/nmeth0707-589.html
1919	Y. F. Lee, C. C. Cheng, J. S. Chen, N. N. Lin, Y. W. Hung, J. M. Wang, W. C. Tu, K. C. Tung and Y. T. Chiu	Evidence of intracellular stages in Trypanosoma (Megatrypanum) theileri in non-phagocytic mammalian cells	Veterinary Parasitology	2007		µ-Slide I	http://springerlink.com/content/h346370030822153/

1920	J. A. Croix, S. Bhatia and H. R. Gaskins	Inflammatory cues modulate the expression of secretory product genes, Golgi sulfotransferases and sulfomucin production in LS174T cells	Exp Biol Med	2007	10.1016/j.biomaterials.2007.08.019	µ-Slide I	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TWB-4PMT5RF-1&_user=616146&_coverDate=12%2F31%2F2007&_alid=1207534717&_rdoc=1&_fmt=high&_orig=search&_cdi=5558&_sort=r&_docanchor=&view=c&_ct=8&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=6e801518b6e02e6905c7266a5bfed719
1921	Y. Eliezer, L. Argaman, M. Kornowski, M. Roniger and M. Goldberg	Interplay between the DNA damage proteins MDC1 and ATM in the regulation of the spindle assembly checkpoint	Journal of Biological Chemistry	2007	10.1172/jci29967	µ-Slide I	http://www.jci.org/articles/view/29967?search[abstract_text]=&search[article_text]=&search[authors_text]=S%C3%A9verin&search[fpage]=&search[issue]=&search[title_text]=&search[volume]=#ABS
1922	Y. Galanty, R. Belotserkovskaya, J. Coates, S. Polo, K. M. Miller and S. P. Jackson	Mammalian SUMO E3-ligases PIAS1 and PIAS4 promote responses to DNA double-strand breaks	Nature	2007	10.1128/jvi.01088-07	µ-Slide I	http://jvi.asm.org/cgi/content/abstract/81/22/12596
1923	H. Cui, B. Guo, B. Scicluna, B. Coleman, A. Victoria, L. Ellett, P. Meikle, M. Bukrinsky, N. Mukhamedova and D. Sviridov	Prion Infection Impairs Cholesterol Metabolism in Neuronal Cells	Journal of Biological Chemistry	2007	10.1152/ajpcell.00552.2006	µ-Slide I Luer	http://ajpcell.physiology.org/cgi/content/abstract/292/5/C1732
1924	L. E. Chavez de Paz, A. Resin, K. A. Howard, D. S. Sutherland and P. L. Wejse	Antimicrobial effect of chitosan nanoparticles on Streptococcus mutans biofilms	Applied and Environmental Microbiology	2007		µ-Slide I, µ-Slide VI 0.4	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B7MFG-4PJ6C1B-3&_user=10&_coverDate=10%2F24%2F2007&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_searchStrId=1365244498&_rerunOrigin=google&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=499a3f3460ed56c18b422b88293ad63e
1925	J. Liebl, V. Krystof, G. Vereb, L. Takács, M. Strnad, P. Pechan, L. Havlicek, M. Zatloukal, R. Fürst and A. M. Vollmar	Anti-angiogenic effects of purine inhibitors of cyclin dependent kinases	Angiogenesis	2007	10.1002/piuz.200601126	µ-Slide V	http://www3.interscience.wiley.com/journal/114128732/abstract
1926	E. Biasini, U. Unterberger, I. Solomon, T. Massignan, A. Senatore, H. Bian, T. Voigtlaender, F. Bowman, V. Bonetto and R. Chiesa	A mutant prion protein sensitizes neurons to glutamate-induced excitotoxicity	The Journal of Neuroscience	2007		µ-Slide VI 0.4	http://www.nature.com/ni/journal/v8/n7/full/ni1479.html

1927	A. Fassold and R. H. Straub	A new assay for nerve fiber repulsion	Annals of the New York Academy of Sciences	2007		µ-Slide VI 0.4	http://www.cell.com/cancer-cell/abstract/S1535-6108%2807%2900145-6
1928	C. Carneiro, C. Vaz, J. Carvalho-Pereira, C. Pais and P. Sampaio	A new method for yeast phagocytosis analysis by flow cytometry	Journal of Microbiological Methods	2007	10.1083/jcb.200705002	µ-Slide VI 0.4	http://www.jcb.org/cgi/content/abstract/179/4/761
1929	R. Fürst, M. F. Bubik, P. Bihari, B. A. Mayer, A. G. Khandoga, F. Hoffmann, M. Rehberg, F. Krombach, S. Zahler and A. M. Vollmar	Atrial natriuretic peptide protects against histamine-induced endothelial barrier dysfunction in vivo	Mol. Pharmacol.	2007		µ-Slide VI 0.4	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T0F-4NBXVPF-2&_user=616146&_coverDate=04%2F25%2F2007&_alid=1107685237&_rdoc=2&_fmt=high&_orig=search&_cdi=4861&_sort=r&_docanchor=&view=c&_ct=78&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=c6721a0458ca3a0104581588e162d796
1930	M. R. Filipovic, J. L. Miljkovic, T. Nauser, M. Royzen, K. Klos, T. Shubina, W. H. Koppenol, S. J. Lippard and I. Ivanovic-Burmazovic	Chemical Characterization of the Smallest S-Nitrosothiol, HSNO, Cellular Cross-talk of H2S and S-Nitrosothiols	Journal of the American Chemical Society	2007		µ-Slide VI 0.4	http://www.plospathogens.org/article/info%3Adoi%2F10.1371%2Fjournal.ppat.0030143
1931	K. Futosi, T. Nemeth, R. Pick, T. Va¡ntus, B. Walzog and A. Mocsai	Dasatinib inhibits proinflammatory functions of mature human neutrophils	Blood	2007	10.1074/jbc.M611330200	µ-Slide VI 0.4	http://www.jbc.org/cgi/content/abstract/282/25/18481
1932	A. Al-Ahmad, M. Wiedmann-Al-Ahmad, T. M. Auschill, M. Follo, G. Braun, E. Hellwig and N. B. Arweiler	Effects of commonly used food preservatives on biofilm formation of Streptococcus mutans in vitro	Archives of Oral Biology	2007		µ-Slide VI 0.4	http://www3.interscience.wiley.com/journal/117993698/abstract
1933	L. M. Butler, H. C. Jeffery, R. L. Wheat, P. C. Rae, K. Townsend, K. R. Alkharsah, T. F. Schulz, G. B. Nash and D. J. Blackbourn	Kaposi's Sarcoma-associated Herpesvirus infection of endothelial cells inhibits neutrophil recruitment through an IL-6 dependent mechanism-A new paradigm for viral immune evasion	Journal of Virology	2007		µ-Slide VI 0.4	http://www.biospektrum.de/blatt/d_bs_download&_id=932241
1934	G. Liou, H. Döppler, B. Necela, M. Krishna, H. Crawford, M. Raimondo and P. Storz	Macrophage-secreted cytokines drive pancreatic acinar-to-ductal metaplasia through NF-kappaB and MMPs	The Journal of cell biology	2007	10.1160/TH07-02-0082	µ-Slide VI 0.4	http://www.schattauer.de/de/magazine/uebersicht/zeitschriften-a-z/thrombosis-and-haemostasis/contents/archiv/issue/741/manuscript/8702.html

1935	J. Dalli, L. Norling, T. Montero-Melendez, D. Canova, H. Lashin, A. Pavlov, G. Sukhorukov, C. Hinds and M. Perretti	Microparticle alpha-2-macroglobulin enhances pro-resolving responses and promotes survival in sepsis	EMBO Molecular Medicine	2007		µ-Slide VI 0.4	http://content.karger.com/ProdukteDB/produkte.asp?Action=ShowAbstract&ArtikelNr=104871&Ausgabe=233319&ProduktNr=224160
1936	R. Gaber, A. Majerle, R. Jerala and M. Bencina	Noninvasive High-Throughput Single-Cell Analysis of HIV Protease Activity Using Ratiometric Flow Cytometry	Sensors	2007	10.1074/jbc.M707461200	µ-Slide VI 0.4	http://www.jbc.org/cgi/content/abstract/282/52/37815
1937	E. Anitua, M. de la Fuente, F. Muruzabal, A. Riestra, J. Merayo-Lloves and G. Orive	Plasma rich in growth factors (PRGF) eye drops stimulates scarless regeneration compared to autologous serum in the ocular surface stromal fibroblasts	Experimental Eye Research	2007		µ-Slide VI 0.4	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TF4-4NP984M-1&_user=616146&_coverDate=06%2F19%2F2007&_alid=1210563942&_rdoc=14&_fmt=high&_orig=search&_cdi=5216&_st=13&_docanchor=&_ct=14&_acct=C000032323&_version=1&_urlVersion=0&_userid=616146&md5=aac9ef346549d72853eaf28e1c08f575
1938	F. Ferranti, F. D'Anselmi, M. Caruso, V. Lei, S. Dinicola, A. Pasqualato, A. Cucina, A. Palombo, G. Ricci and A. Catizone	TCam-2 seminoma cells exposed to egg-derived microenvironment modify their shape, adhesive pattern and migratory behaviour: a molecular and morphometric analysis	PloS one	2007	10.1128/jvi.00381-07	µ-Slide VI 0.4	http://jvi.asm.org/cgi/content/abstract/81/22/12582
1939	T. Boroviak, R. Loos, P. Bertone, A. Smith and J. Nichols	The ability of inner-cell-mass cells to self-renew as embryonic stem cells is acquired following epiblast specification	Nature Cell Biology	2007	10.1242/jcs.011130	µ-Slide VI 0.4	http://jcs.biologists.org/cgi/content/abstract/120/21/3820
1940	A. P. Alberola and J. O. Rädler	The defined presentation of nanoparticles to cells and their surface controlled uptake	Biomaterials	2007		µ-Slide VI 0.4	http://www.jimmunol.org/cgi/content/abstract/179/2/1030
1941	C. Angelucci, G. Maulucci, G. Lama, G. Proietti, A. Colabianchi, M. Papi, A. Maiorana, M. De Spirito, A. Micera and O. B. Balzamino	Epithelial-Stromal Interactions in Human Breast Cancer: Effects on Adhesion, Plasma Membrane Fluidity and Migration Speed and Directness	PLoS ONE	2007	10.1038/ni1499	µ-Slide VI flat, µ-Slide VI 0.4	http://www.ncbi.nlm.nih.gov/pubmed/17721537

1942	I. Czikora, A. Feher, R. Lucas, D. Fulton and Z. Bagi	Caveolin-1 prevents sustained angiotensin II-induced resistance artery constriction and obesity-induced high blood pressure	American Journal of Physiology-Heart and Circulatory Physiology	2007		µ-Slide y-shaped	http://scitation.aip.org/vsearch/servlet/VerityServlet?KEY=PSISDG&smode=strresults&sort=rel&maxdisp=25&threshold=0&pjournals=PSISDG&possible1=rajwa&possible1zone=article&SMODE=strsearch&OUTLOG=NO&deliveryType=spiedl&viewabs=PSISDG&key=DISPLAY&docID=9&page=0&chapter=0
1943	O. Dwir, V. Grabovsky, R. Pasvolsky, E. Manevich, R. Shamri, P. Gutwein, S. W. Feigelson, P. Altevogt and R. Alon	Membranal Cholesterol Is Not Required for L-Selectin Adhesiveness in Primary Lymphocytes but Controls a Chemokine-Induced Destabilization of L-Selectin Rolling Adhesions	The Journal of Immunology	2007	10.1016/j.atherosclerosis.2007.03.016	µ-Slide y-shaped	http://linkinghub.elsevier.com/retrieve/pii/S0021915007001761
1944	N. Agarwal, A. Becker, K. L. Jost, S. Haase, B. K. Thakur, A. Brero, T. Hardt, S. Kudo, H. Leonhardt and M. C. Cardoso	MeCP2 Rett mutations affect large scale chromatin organization	Human Molecular Genetics	2006		µ-Dish	http://www.springerlink.com/content/l63x6061981516p3/?p=5e979747fb2843dea562b675d4e749f6&pi=14
1945	C. Eresheim, C. Leeb, P. Buchegger and J. Nimpf	Signalling by the extracellular matrix protein Reelin promotes granulosa cell proliferation in the chicken follicle	Journal of Biological Chemistry	2006		µ-Dish 35 mm	http://www.ncbi.nlm.nih.gov/pubmed/17191610
1946	E. L. Doyle, V. Ridger, F. Ferraro, M. Turmaine, P. Saftig and D. F. Cutler	CD63 is an essential cofactor to leukocyte recruitment by endothelial P-selectin	Blood	2006		µ-Slide 8 well	http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WBK-4KHBYFB-7&_user=10&_coverDate=09%2F22%2F2006&_alid=1365344249&_rdoc=4&_fmt=high&_orig=search&_cdi=6713&_st=13&_docanchor=&_ct=4&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=6ee4da2e4bf071bf7bd9eb4f08d30a1d
1947	A. Borgognone, L. Navarro-Núñez, J. Correia, A. Pollitt, S. Thomas, J. Eble, F. Pulcinelli, M. Madhani and S. Watson	CLEC-2-dependent activation of mouse platelets is weakly inhibited by cAMP but not by cGMP	Journal of Thrombosis and Haemostasis	2006	10.1093/nar/gkl492	µ-Slide 8 well	http://nar.oxfordjournals.org/cgi/content/abstract/34/12/3523
1948	G. Fournier, O. Cabaud, E. Josselin, A. Chaix, J. AdÃ©laÃ¯de, D. Isnardon, A. Restouin, R. Castellano, P. Dubreuil and M. Chaffanet	Loss of AF6/afadin, a marker of poor outcome in breast cancer, induces cell migration, invasiveness and tumor growth	Oncogene	2006	10.1074/jbc.M513439200	µ-Slide 8 well	http://www.jbc.org/cgi/content/abstract/281/51/39588

1949	E. Aihara, C. Closson, A. Matthis, M. Schumacher, A. Engevik, Y. Zavros, K. Ottemann and M. Montrose	Motility and Chemotaxis Mediate the Preferential Colonization of Gastric Injury Sites by Helicobacter pylori	PLoS pathogens	2006	10.1128/aac.00750-06	µ-Slide 8 well	http://aac.asm.org/cgi/content/abstract/50/12/4153
1950	A. Fleissner, A. C. Leeder, M. G. Roca, N. D. Read and N. L. Glass	Oscillatory recruitment of signaling proteins to cell tips promotes coordinated behavior during cell fusion	Proceedings of the National Academy of Sciences	2006	10.1096/fj.05-5414com	µ-Slide 8 well	http://www.fasebj.org/cgi/content/abstract/20/7/865
1951	M. E. Ezzie, M. Crawford, J. H. Cho, R. Orellana, S. Zhang, R. Gelinas, K. Batte, L. Yu, G. Nuovo and D. Galas	Gene expression networks in COPD: microRNA and mRNA regulation	Thorax	2006	10.1093/nar/gkl575	µ-Slide 8 well, µ-Dish 35 mm low	http://nar.oxfordjournals.org/cgi/content/abstract/34/18/5007
1952	X. Duportet, L. Wroblewska, P. Guye, Y. Li, J. Eyquem, J. Rieders, T. Rimchala, G. Batt and R. Weiss	A platform for rapid prototyping of synthetic gene networks in mammalian cells	Nucleic Acids Research	2006		µ-Slide 8 well, µ-Slide VI 0.4	
1953	J. H. Lee, H. Koh, M. Kim, Y. Kim, S. Y. Lee, R. E. Karess, H. L. S, M. Shong, J.-M. Kim, J. Kim and J. Chung	Energy-dependent regulation of cell structure by AMP-activated protein kinase.	Nature	2006		µ-Slide I	
1954	M. Eberhardt, M. Dux, B. Namer, J. Miljkovic, N. Cordasic and C. Will	H2S and NO cooperatively regulate vascular tone by activating a neuroendocrine HNO–TRPA1–CGRP signalling pathway	Nat Commun	2006		µ-Slide I	http://pubs.acs.org/doi/abs/10.1021/la051820y
1955	I. O. Lee, J. H. Kim, Y. J. Choi, M. H. Pillinger, S.-Y. Kim, M. J. Blaser and Y. C. Lee	Helicobacter pylori CagA Phosphorylation Status Determines the gp130-activated SHP2/ERK and JAK/STAT Signal Transduction Pathways in Gastric Epithelial Cells	J. Biol. Chem.	2006		µ-Slide I	http://content.karger.com/ProdukteDB/produkte.asp?Action=ShowAbstract&ArtikelNr=93061&Ausgabe=231944&ProduktNr=224197
1956	J. Debarry, A. Hanuszkiewicz, K. Stein, O. Holst and H. Heine	The allergy-protective properties of Acinetobacter lwoffii F78 are imparted by its lipopolysaccharide	Allergy	2006		µ-Slide I	http://www.opticsinfobase.org/oe/abstract.cfm?URI=oe-14-18-8434
1957	F. Bärenz, D. Inoue, H. Yokoyama, J. Tegha-Dunghu, S. Freiss, S. Draeger, D. Mayilo, I. Cado, S. Merker and M. Klinger	The centriolar satellite protein SSX2IP promotes centrosome maturation	The Journal of cell biology	2006	10.1152/ajprenal.00196.2005	µ-Slide I	http://ajprenal.physiology.org/cgi/content/abstract/291/4/F856

1958	B. M. Dale, G. P. McNerney, W. Hübner, T. R. Huser and B. K. Chen	Tracking and quantitation of fluorescent HIV during cell-cell transmission	Methods	2006		µ-Slide I	http://www.sciencedirect.com/science?_ob=GatewayURL&_origin=ScienceSearch&_method=citationSearch&_piikey=S0014579306013500&_version=1&_returnURL=&md5=e511a59a04ff7ff77710cd4a7bb10c55
1959	W. Y. Lee, H. J. Wei, J. J. Wang, K. J. Lin, W. W. Lin, D. Y. Chen, C. C. Huang, T. Y. Lee, H. Y. Ma and S. M. Hwang	Vascularization and restoration of heart function in rat myocardial infarction using transplantation of human cbMSC/HUVEC core-shell bodies	Biomaterials	2006		µ-Slide I	http://onlinelibrary.wiley.com/doi/10.1002/pssa.20062408/abstract
1960	S. Earley, C. Vinegoni, J. Dunham, R. Gorbatov, P. F. Feruglio and R. Weissleder	In vivo imaging of drug-induced mitochondrial outer membrane permeabilization at single cell resolution	Cancer Research	2006		µ-Slide VI 0.4	http://ibidi.com/fileadmin/support/references/E_Horn_PhaseContrastLightMicroscopy_2006.pdf
1961	R. A. Boon, T. A. Leyen, R. D. Fontijn, J. O. Fledderus, J. Baggen, O. L. Volger, G. P. van Nieuw Amerongen and A. J. G. Horrevoets	KLF2-induced actin shear fibers control both alignment to flow and JNK signaling in vascular endothelium	Blood	2006		µ-Slide VI 0.4	http://www.cell.com/current-biology/abstract/S0960-9822%2806%2901354-6
1962	A. Civetta and C. Gaudreau	Hybrid male sterility between Drosophila willistoni species is caused by male failure to transfer sperm during copulation	BMC evolutionary biology	2006	10.1091/mbc.E06-04-0365	ibidi foil	http://www.molbiolcell.org/cgi/content/abstract/17/11/4866
1963	A. Dudeck, M. Leist, S. Rubant, A. Zimmermann, J. Dudeck, W. H. Boehncke and M. Maurer	Immature mast cells exhibit rolling and adhesion to endothelial cells and subsequent diapedesis triggered by E- and P-selectin, VCAM-1 and PECAM-1	Experimental Dermatology	2006	10.1073/pnas.0603873103	ibidi foil, µ-Slide I	http://www.pnas.org/cgi/content/abstract/103/52/19678
1964	A. Ducret and S. Dukan	Single-cell analysis of cell viability after a biocide treatment unveils an absence of positive correlation between two commonly used viability markers	MicrobiologyOpen	2006		special chamber	http://arxiv4.library.cornell.edu/abs/cond-mat/0609554
1965	X. Huang, Q. Pan, D. Sun, W. Chen, A. Shen, M. Huang, J. Ding and M. Geng	O-GlcNAcylation of cofilin promotes breast cancer cell invasion	Journal of Biological Chemistry	2005		µ-Slide 2x9 well	http://www.pnas.org/content/102/23/8239.abstract
1966	J. M. Dabrowski, L. G. Arnaut, M. M. Pereira, K. Urbanska, S. Simoes, G. Stochel and L. Cortes	Combined effects of singlet oxygen and hydroxyl radical in photodynamic therapy with photostable bacteriochlorins: Evidence from intracellular fluorescence and increased photodynamic efficacy in vitro	Free Radical Biology and Medicine	2005		µ-Slide I	http://linkinghub.elsevier.com/retrieve/pii/S096098220500103X

1967	S. Ebeling, K. Naumann, S. Pollok, T. Wardecki, S. Vidal-y-Sy, J. Nascimento, M. Boerries, G. Schmidt, J. Brandner and I. Merfort	From a Traditional Medicinal Plant to a Rational Drug: Understanding the Clinically Proven Wound Healing Efficacy of Birch Bark Extract	PloS one	2005		µ-Slide I	http://rsi.aip.org/rsinak/v76/i9/p095103_s1?isAuthorized=no
1968	Y. F. Lee, L. D. Miller, X. B. Chan, M. A. Black, B. Pang, C. W. Ong, M. Salto-Tellez, E. T. Liu and K. V. Desai	JMJD6 is a driver of cellular proliferation and motility and a marker of poor prognosis in breast cancer	Breast Cancer Research	2005	10.1038/ncb1230	µ-Slide I	http://www.nature.com/ncb/journal/v7/n3/full/ncb1230.html
1969	V. Egea, S. Zahler, N. Rieth, P. Neth, T. Popp, K. Kehe, M. Jochum and C. Ries	PNAS Plus: Tissue inhibitor of metalloproteinase-1 (TIMP-1) regulates mesenchymal stem cells through let-7f microRNA and Wnt/{beta}-catenin signaling	PNAS	2005		µ-Slide I	http://www3.interscience.wiley.com/search/allsearch?mode=viewselected&product=journal&ID=110426133&view_selected.x=69&view_selected.y=7&view_selected=view_selected
1970	F. Arends, C. Nowald, K. Pflieger, K. Boettcher, S. Zahler and O. Lieleg	The Biophysical Properties of Basal Lamina Gels Depend on the Biochemical Composition of the Gel	PloS one	2005		µ-Slide I	http://www3.interscience.wiley.com/search/allsearch?mode=viewselected&product=journal&ID=118702627&view_selected.x=99&view_selected.y=8&view_selected=view_selected
1971	J. M. Dabrowski, K. Urbanska, L. G. Arnaut, M. M. Pereira, A. R. Abreu, S. Simões and G. Stochel	Biodistribution and Photodynamic Efficacy of a Water Soluble, Stable, Halogenated Bacteriochlorin against Melanoma	ChemMedChem	2005	10.1021/la0502286	µ-Slide I Luer	http://pubs.acs.org/doi/abs/10.1021/la0502286
1972	M. Lomba, L. Oriol, C. Sanchez, V. Grazu, B. S. Gutierrez, J. L. Serrano and J. M. D. Fuente	Photocrosslinking, micropatterning and cell adhesion studies of sodium hyaluronate with a trisdiazonium salt	Carbohydrate Polymers		10.1016/j.yexcr.2014.06.019	µ-Slide VI 0.4	http://www.sciencedirect.com/science/article/pii/S0014482714002663
1973	G. Maulucci, A. Maiorana, M. Papi, G. Pani and M. De Spirito	Quantitative Assessment of the Relationship Between Cellular Morphodynamics and Signaling Events by Stochastic Analysis of Fluorescent Images	Microscopy and Microanalysis		10.1016/j.ejpb.2014.07.015	Culture-Insert	http://www.sciencedirect.com/science/article/pii/S0939641114002410

Y. Xiao, H. Hong, A. Javadi, . Multifunctional unimolecular π Biomaterials