

	<b>ELSO 2005</b>	
	<b>3-6 September 2005</b>	
	<b>PROGRAMME</b>	
	<b>Saturday, Sept 3<sup>rd</sup>, 2005</b>	
	<b>Sub-Group Meetings</b>	
1530 - 1800	<b>Sub-Group Meeting One - Assembly of membrane transport machineries on organelles</b>	Konferenzraum 1
	<b>Chairperson: Christiane Walch-Solimena (Dresden)</b>	
1530 - 1600	Antonella De Matteis (Chieti)	
	<i>Role of the PI4P-binding proteins FAPPs, CERT and OSBP1 at the Golgi complex</i>	
1600 - 1630	Anne Spang (Tuebingen)	
	<b>EMBO YIP LECTURE</b>	
	<i>Arflp, Chs5p and the ChAPs are required for export of specialized cargo from the Golgi</i>	
1630 - 1700	Todd R Graham (Nashville)	
	<i>Role for a lipid flippase in budding vesicles from the Golgi</i>	
1700 - 1730	Bernard Hoflack (Dresden)	
	<i>Proteomic analysis of AP1 and AP3 coats assembled on synthetic membranes</i>	
1730 - 1800	Frederic Bard (La Jolla)	
	<i>Functional genomic analysis reveals new metazoan genes involved in protein secretion and Golgi organization</i>	
1530 - 1800	<b>Sub-Group Meeting Two - Membrane protein targeting, trafficking and turnover</b>	Konferenzraum 2
	<b>Chairperson: Alvaro Villarroel (Leioa (Bilbao))</b>	
1530 - 1600	Alvaro Villarroel (Bilbao)	
	<i>Calmodulin regulates membrane expression of KCNQ channels</i>	
1600 - 1620	Ruth Murrell-Lagnado (Cambridge)	
	<i>Lysosomal targeting of an ATP-gated ion channel</i>	
1620 - 1640	Bénédicte Dargent (Marseille)	
	<i>Segregation of voltage-gated sodium channels in unmyelinated and myelinated fibers</i>	
1640 - 1700	Rainer Pepperkok (Heidelberg)	
	<i>Studying the regulation of COPII turnover and complex formation at single ER exit site</i>	
1700 - 1720	Ger Strous/Carine Zwartjes (Utrecht)	
	<i>Growth hormone receptor internalization and degradation</i>	
1720 - 1740	Daniel Choquet/Olivier Thoumine (Bordeaux)	
	<i>Regulation on N-cadherin dynamics at neuronal contacts by ligand binding and cytoskeletal coupling</i>	
1740 - 1800	Olivier Staub (Lausanne)	
	<i>Regulated deubiquitylation controls cell surface expression of the epithelial Na channel ENaC</i>	

1530 - 1800	<b>Sub-Group Meeting Three - Molecular and cellular biology of the sarcoplasmic reticulum</b>	Konferenzraum 3
	<b>Chairperson: Vincenzo Sorrentino (Siena)</b>	
1530 - 1600	Kalervo Metsikko (Oulu)	
	<i>Organization of the endoplasmic reticulum functions in skeletal myofibers</i>	
1600 - 1630	Vincenzo Sorrentino (Siena)	
	<i>Organization of functional domains in the sarcoplasmic reticulum</i>	
1630 - 1700	Isabel Marty (Grenoble)	
	<i>Functions of triadins in the sarcoplasmic reticulum</i>	
1700 - 1730	Bernhard Flucher (Innsbruck)	
	<i>Differential roles of DHPR subunits in the assembly and function of the skeletal muscle Ca<sup>2+</sup> release units</i>	
1730 - 1800	Feliciano Protasi (Chieti)	
	<i>Differences and similarities between skeletal and cardiac junctional SR: possible structural role of Calsequestrin isoforms</i>	
1530 - 1800	<b>Sub-Group Meeting Four - Actin dynamics and membrane trafficking</b>	Konferenzraum 4
	<b>Chairpersons: Stéphane Gasman (Strasbourg) and Francois Darchen (Paris)</b>	
	<i>sponsored by Ambion, Berthold, Carl Zeiss Jena, Club Exo-Endocytose and Nikon</i>	
1530 - 1600	Yukio Goda (London)	
	<i>Actin-dependent cross talk between recycling synaptic vesicle pools</i>	
1600 - 1630	Margarita Chibalina (Cambridge, UK)	
	<i>Exploring the role of myosin VI in the dynamics of clathrin-coated structures</i>	
1630 - 1700	Fabio Benfenati (Genova)	
	<i>Regulation of synaptic vesicle trafficking by the synapsins</i>	
1700 - 1730	Stéphane Gasman (Strasbourg)	
	<i>Control of actin dynamics during regulated exocytosis in neuroendocrine cells</i>	
1730 - 1800	Francois Darchen (Paris)	
	<i>Rab27, MyRIP and Myosin-Va tether secretory granules to F-actin and control their mobility near release sites</i>	
1530 - 1800	<b>Sub-Group Meeting Five - Cellular energetics and metabolic control</b>	Konferenzraum 5
	<b>Chairperson: Be Wieringa (Nijmegen)</b>	
	<i>sponsored by <a href="http://www.metabolic-database.com">www.metabolic-database.com</a></i>	
1530 - 1600	Lee Fryer (London)	
	<i>AMP-activated protein kinase and the metabolic syndrome</i>	
1600 - 1630	Gabriela da SilvaXavier (Bristol)	
	<i>Nutrient-regulated protein kinases in pancreatic islets beta cells: targets for diabetes therapy?</i>	
1630 - 1700	Sybille Mazurek (Giessen)	
	<i>Pyruvate kinase type M2: a key regulator of the tumor metabolome with high diagnostic and therapeutic potential</i>	
1700 - 1730	Bé Wieringa (Nijmegen)	
	<i>High energy phosphoryl transfer, energy compartmentalization and actomyosin based cell dynamics</i>	
1730 - 1800	Valdur Saks (Grenoble)	
	<i>Franks-Starling law of the heart and metabolic signalling</i>	

1530 - 1800	<b>Sub-Group Meeting Six - New insights into the physiologic functions of PKD isoforms</b>	Konferenzraum 6
	<b>Chairpersons: Klaus Pfizenmaier (Stuttgart) and Thomas Seufferlein (Ulm)</b>	
1530 - 1555	Thomas Seufferlein (Ulm) <i>Regulation of nucleocytoplasmic shuttling of PKD2 and its functional implications</i>	
1555 - 1620	Franck Dequiedt (Gembloux) <i>Regulation of class IIa histone deacetylases by PKD</i>	
1620 - 1645	Peter Storz (Boston) <i>PKD in oxidative stress signalling</i>	
1645 - 1710	Friederike Cuello (London) <i>PKD signalling in myocardium</i>	
1710 - 1735	Angelika Hausser (Stuttgart) <i>P 14 kinases are substrates for PKD during vesicular transport</i>	
1735 - 1800	Doreen Cantrell (Dundee) <i>PKD1 activation in lymphocytes</i>	
1530 - 1800	<b>Sub-Group Meeting Seven - Extracellular matrix, Ras and Nfkappa B in neuroprotection, synaptic connectivity and neurogenesis</b>	Seminarraum 5/6
	<b>Chairperson: Rolf Heumann (Bochum)</b>	
1530 - 1600	Rolf Heumann (Bochum) <i>Neuronal Ras in neurogenesis and plasticity of the brain</i>	
1600 - 1630	Christian Kaltschmidt (Witten) <i>The role of NF-kappaB in the nervous system</i>	
1630 - 1700	Andreas Faissner (Bochum) <i>Regulation of the extracellular matrix environment during neural stem cell development and maturation</i>	
1700 - 1730	Ludwig Aigner (Regensburg) <i>Doublecortin-reporter mice: An image of neurogenesis in the brain</i>	
1730 - 1800	Hans-Peter Lipp (Zürich) <i>Species and age-dependent differences in cell proliferation and neurogenesis in the hippocampus of wild-living rodents: potential role in learning and memory</i>	

1530 - 1800	<b>OLYMPUS Workshop</b>	Seminarraum 3/4
	<i>Advanced confocal and wide field techniques in fluorescence microscopy: from simultaneous scanning for FRAP, uncaging and ablation to TIRFM and spectral emission and excitation unmixing</i>	
1530 - 1535	Hauke Kahl, Olympus Germany GmbH	
	<i>Welcome</i>	
1535 - 1605	Peter Messler, Olympus Biosystems GmbH	
	<i>Emission and excitation unmixing in wide field fluorescence microscopy for FRET and other applications</i>	
1605 - 1650	Wolfgang Hempell, Olympus Life and Material Science Europa GmbH	
	<i>New approaches in confocal laser scanning microscopy: simultaneous scanning in cLSM for activation, uncaging, bleaching and ablation</i>	
1650 - 1720	Wolfgang Hempell, Olympus Life and Material Science Europa GmbH	
	<i>Online demonstration of simultaneous scanning, and spectral emission unmixing with Olympus cLSM FV1000</i>	
1720 - 1740	Felix Koberling, PicoQuant GmbH	
	<i>Time-resolved confocal microscopy: a compact FLIM and FCS upgrade kit for the FV1000</i>	
1740 - 1800	Felix Koberling, PicoQuant GmbH	
	<i>Online demonstration of Fluorescence Lifetime Imaging (FLIM)</i>	
1800 - 1900	<b>Social Get-Together</b>	Saal 2,3,4,5 exhibition
	<i>sponsored by ELSO</i>	
1900 -	Opening Lectures:	Großer Saal
	<b>Klaus Tschira Lectures</b>	
	<b>Peter Agre (Durham, USA) Nobel Laureate</b>	
	Vice Chancellor for Science and Technology	
	Duke University Medical Center	
	<i>Aquaporin water channels: from atomic structure to clinical medicine</i>	
	<b>Richard Klausner</b>	
	Executive Director Global Health	
	Bill and Melinda Gates Foundation	
	<i>Grand challenges in global health: the unfinished work of science, medicine and globalization</i>	

	<b>Sunday, Sept 4th, 2005</b>	
0900 - 1030	<b>Plenary Session 1 - Emerging technologies in the molecular life sciences</b> <b>Chairperson: Ralf Pettersson (Stockholm)</b>	Großer Saal
0900 - 0930	Phil Sharp (Cambridge, USA) <i>The surprising roles of short RNAs in biology</i> <i>sponsored by Trends in Cell Biology</i>	
0930 - 1000	Andrei Lupas (Tuebingen) <i>On the evolution of proteins from peptides</i>	
1000 - 1030	David Cox (Stanford) <i>Human genetic variation and common human disease: A short term approach for improving health</i>	
1030 - 1100	coffee break  <i>sponsored by ELSO, Abgene, Biozm, Beckmann, Carl Roth GmbH + Co KG, Corning Life Sciences, CLF Plant Climatics GmbH, Fisher Scientific, Fermentas GmbH, GE Healthcare, Gegenbauer Health Care Services GmbH, Gilson International, JPK Instruments, VWR, WISAG Gebäudereinigung Sachsen GmbH</i>	Saal 2,3,4,5 exhibition
1100 - 1230	<b>Plenary Session 2 – Membrane biology</b> <b>Chairperson: Roberto Sitia (Milano)</b>	Großer Saal
1100 - 1130	Ira Mellman (New Haven) <i>Dendritic cells: membrane traffic and the immune response</i>	
1130 - 1200	Gisou van der Goot ( Geneva) <i>Entry into mammalian cells: what we can learn from trespassers</i>	
1200 - 1230	ELSO Early Career Award Elena Conti (Heidelberg) <i>Protein complexes in mRNA metabolism: from structure to function</i> <i>sponsored by Carl Zeiss Jena and Elsevier</i>	Großer Saal
1300 - 1600	<b>Poster Session I</b> Endocytosis Physiology of protein folding and degradation Cell cycle The nucleus Bionanotechnology The cytoskeleton Organelle disease mRNA biogenesis, transport and degradation	Saal 2,3,4,5 exhibition

1300 - 1500	<b>Carl Zeiss Workshop I</b>	Seminarraum 3/4
	<b>Advanced microscopy solutions dedicated to live cell imaging</b>	
	<i>Multicolor imaging applications in cell biology and virology</i>	
	Horst Wolff, GSF, Neuherberg	
	<i>The ApoTome, an innovative optical sectioning device - Technology and its application</i>	
	Thorsten Kues, Carl Zeiss	
	<i>BioAFM – A NanoImaging tool for the combination with advanced optical methods</i>	
	Gerd Behme, JPK Instruments AG, Berlin	
	<i>Lasermicrotools for functional genomics, proteomics and life cell applications</i>	
	Karin Schuetze, Carl Zeiss (P.A.L.M.), Bernried	
1300 - 1500	<b>TÜV Product Service GmbH Medical and Health Services Workshop</b>	Seminarraum 5/6
	<b><i>Tissue Engineering - From basic science to clinical application</i></b>	
1300 - 1400	Malcolm Alison DSc, FRCPath, (London)	
	<i>Adult stem cells in regenerative medicine</i>	
1400 - 1420	Sabine Kloth, TÜV Product Service	
	<i>The rocky road to success: Fulfilling European regulatory requirements</i>	
1420 - 1440	Lorenz Runge , TÜV Product Service	
	<i>Risk management as a keystone for regulatory requirements and market success</i>	
1440 - 1500	Roland Prestel , TÜV Product Service	
	<i>Putting evidence into practice: Clinical efficiency, performance and safety for a medical product</i>	
1300 - 1500	<b>Making science sell; talks and discussion with professional journalists</b>	Konferenzraum 3
	<b>Science &amp; Society Programme of the European Molecular Biology Organization</b>	
	<b>Chairperson: Andrew Moore, Programme Manager for Science &amp; Society, EMBO</b>	
	Malén Ruiz de Elvira	
	Head of Desk, Science and Technology (El Pais)	
	Ania Lichtarowich	
	Science Correspondent, BBC World Service	
	Producer of BBC's radio's "Today" programme	

1600 - 1830	<b>MiniSymposium 1 – Lipidomics</b>	Konferenzraum 2
	<b>Chairpersons: Gerrit van Meer and Pam Fredman</b>	
	<i>sponsored by the European Lipidomics Initiative (LSSG-CT-2004-013032)</i>	
1600 - 1630	Gerrit van Meer (Utrecht)	
	<i>Cellular (sphingo) lipidomics</i>	
1630 - 1700	Pam Fredman (Göteborg)	
	<i>Involvement of the glycosphingolipid sulfatide in diabetes - lipid moiety dependent</i>	
1700 - 1730	Kim Ekroos (Göteborg)	
	<i>Unravelling phospholipidomes and sphingolipidomes by lipid profiling</i>	
1730 - 1750	Monilola Olayioye (Stuttgart)	
	<i>StarD10, a START domain protein overexpressed in breast cancer, functions as a phospholipid transfer protein</i>	
1750 - 1810	Christoph Thiele (Dresden)	
	<i>Sterol sensing - not only SCAP</i>	
1810 - 1830	Christian Loebbe (Berlin)	
	<i>Microdomains in model raft-forming lipid bilayers; effect of dehydration stress, temperature and low concentrations of detergent</i>	
1600 - 1830	<b>MiniSymposium 2 – Physiology of protein folding and degradation</b>	Seminarraum 5/6
	<b>Chairpersons: Ineke Braakman and Bernd Bukau</b>	
1600 - 1630	Ineke Braakman (Utrecht)	
	<i>Disulfide bond formation during protein folding in the endoplasmic reticulum</i>	
1630 - 1700	Bernd Bukau (Heidelberg)	
	<i>Chaperone machines of the cytosol</i>	
1700 - 1730	Adriano Aguzzi (Zürich)	
	<i>Immunobiology of prion diseases</i>	
1730 - 1800	Ellen Nollen (Utrecht)	
	<i>Genes involved in polyglutamine aggregation</i>	
1800 - 1830	Koret Hirschberg (Tel Aviv)	
	<i>Live cell analysis of cellular mechanisms that mediate intracellular protein aggregate dissociation using the aggregation-prone iodide transporter pendrin</i>	
1600 - 1830	<b>MiniSymposium 3 - Cell cycle</b>	Konferenzraum 3/4
	<b>Chairpersons: Katja Wassman and Frank Sprenger</b>	
1600 - 1630	Frank Sprenger (Cologne)	
	<i>F-box-dependent and independent functions of rca1 during Drosophila development</i>	
1630 - 1700	Katja Wassmann (Paris)	
	<i>Haploinsufficiency of mad2 causes premature anaphase 1 onset in mouse oocytes</i>	
1700 - 1730	Jonathan Pines (Cambridge, UK)	
	<i>The importance of proteolysis for getting in and out of mitosis</i>	
1730 - 1800	Wolfgang Zachariae (Dresden)	
	<i>Meiosis-specific regulation of the anaphase-promoting complex in budding yeast</i>	
1800 - 1830	Olaf Stemmann (Martinsried)	
	<i>Mutual inhibition of separase and Cdk1 by two-step complex formation</i>	

1600 - 1830	<b>MiniSymposium 4 - Molecular biology of development</b>	Konferenzraum 1
	<b>Chairpersons: Nadia Dahmane and Isabel Guerrero</b>	
1600 - 1630	Nadia Dahmane (Marseille) <i>Modulating sonic hedgehog signaling during brain development</i>	
1630 - 1700	Isabel Guerrero (Madrid) <i>Mechanisms of Hedgehog gradient formation in epithelial cells</i>	
1700 - 1730	Francois Schweisguth (Paris) <i>Negative regulators of neuralized, an E3 ubiquitin ligase required for Delta signalling</i>	
1730 - 1800	Dirk Junghans (Freiburg) <i>Beta-catenin mediates cell adhesion in the early neuroepithelium</i>	
1800 - 1830	Christian Sardet (Villefranche sur Mer) <i>Establishment of cortical domains defining the primary animal-vegetal (a-v), Dorso-Ventral (D-V) and Antero-Posterior axes (A-V) of ascidians oocytes and embryos</i>	
1600 - 1830	<b>MiniSymposium 5 – Cell migration</b>	Konferenzraum 5
	<b>Chairpersons: Margaret Frame and Michael Way</b>	
1600 - 1630	Michael Way (London) <i>Vaccinia virus induced cell motility involves inhibition of RhoA signaling</i>	
1630 - 1700	Margaret Frame (Glasgow) <i>Calpain 2- and Src- dependence define a requirement for integrin turnover during distinct modes of tumour cell invasion</i>	
1700 - 1730	Art Alberts (Grand Rapids) <i>Rho GTPase-directed assembly of formin-containing actin-remodeling complexes</i>	
1730 - 1800	Remco van Horssen (Rotterdam) <i>Novel cell migration assay reveals distinct contributions of growth factors and extra cellular matrix components to cell motility</i>	
1800 - 1830	Walter Witke (Monterotondo) <i>Role of cofilin/ADF in cell migration during mouse development</i>	
1600 - 1830	<b>MiniSymposium 6 - Signal integration</b>	Konferenzraum 6
	<b>Chairpersons: Facundo Batista and Boudewijn Burgering</b>	
1600 - 1630	Facundo Batista (London) <i>EMBO YIP Lecture</i> <i>The B cell immunological synapse: defining the thresholds of activation and how they can be regulated</i>	
1630 - 1700	Boudewijn Burgering (Utrecht) <i>Control of cellular oxidative stress by FOXO transcription factors</i>	
1700 - 1730	Doreen Cantrell (Dundee) <i>Antigen receptor and cytokine regulated serine kinases</i>	
1730 - 1800	Marieke von Lindern (Rotterdam) <i>Activation of PI-3-kinase controls polysome recruitment of specific mRNAs to control the balance between expansion and differentiation of erythroid progenitors</i>	
1800 - 1830	Esther Verheyen (Burnaby) <i>Drosophila nemo kinase antagonizes BMP signaling by phosphorylation of mad and inhibition of it's nuclear translocation</i>	

1600 - 1830	<b>MiniSymposium 7 - Endocytosis</b>	Saal 1
	<b>Chairpersons: Graca Raposo and Marcos Gonzales-Gaitan</b>	
1600 - 1630	Marcos Gonzales-Gaitan (Dresden)	
	<i>Sara endosomes and the partition of signaling molecules during mitosis</i>	
1630 - 1700	Graca Raposo (Paris)	
	<i>Prions and exosomes: from PrPc trafficking to PrPsc propagation</i>	
1700 - 1730	Catherine Nobes (Bristol)	
	<i>Cell repulsion triggered by Eph receptor/ephrin interaction - roles for actin dynamics and membrane trafficking</i>	
1730 - 1750	Jochen Rink (Dresden)	
	<i>Rab Conversion as a mechanism of progression from early to late endosomes</i>	
1750 - 1810	Dmitry Poteryaev (Tuebingen)	
	<i>Caenorhabditis elegans SAND-1 is a novel regulator of RAB-7 in endosomal traffic</i>	
1810 - 1830	Christophe Lamaze (Paris)	
	<i>Clathrin endocytosis and lipid microdomains determine the specificity of the signalling and biological activities induced by type I and type II interferons</i>	
1845 - 2045	<b>Leica Workshop: High Pressure Freezing for Correlative Light and Electron Microscopy</b>	Seminarraum 3/4
1900 - 2100	CDC Open Session - <b>Careers outside Academia</b>	Konferenzraum 1
1900 - 1920	Julie Morgan (London)	
	Programme Manager for the Physiological Sciences Funding Stream of The Wellcome Trust	
1920 - 1940	Alastair Philp (Edinburgh)	
	Programme Principal, Mental Health Information Programme National Health Service National Services Scotland	
1940 - 2000	Britta Maedge (Cambridge, USA)	
	Senior Editor of Cell	
2000 - 2020	Reinhilde Schoonjans (Zwijnaards)	
	Intellectual Property-Business Office of Devgen N.V.	
2020 - 2100	Discussion	

	<b>Monday, Sept 5<sup>th</sup>, 2005</b>	
0900 - 1030	<b>Plenary Session 3 - Development: From cells to tissues</b> <i>sponsored by Elsevier</i>	Großer Saal
	<b>Chairperson: Maria Leptin (Köln)</b>	
0900 - 0930	Kees Weijer (Dundee) <i>Chemotactic cell movement, a key developmental mechanism</i>	
0930 - 1000	Daniel St. Johnston (Cambridge, UK) <i>Polarising the anterior-posterior axis in Drosophila</i>	
1000 -1030	Suzanne Eaton (Dresden) <i>Lipoprotein carriers for lipid-linked morphogens</i>	
1030 - 1100	coffee break	Saal 2,3,4,5 exhibition
	<i>sponsored by ELSO, Abgene, Biozm, Beckmann, Carl Roth GmbH + Co KG, Corning Life Sciences, CLF Plant Climatics GmbH, Fisher Scientific, Fermentas GmbH, GE Healthcare, Gegenbauer Health Care Services GmbH, Gilson International, JPK Instruments, VWR, WISAG Gebäudereinigung Sachsen GmbH</i>	
1100 - 1230	<b>Plenary Session 4 - Cell biology of pathogens</b> <b>Chairperson: Jean Gruenberg (Geneva)</b>	Großer Saal
1100 - 1130	Hidde Ploegh (Boston) <i>Probing the endoplasmic reticulum with viruses</i>	
1130 - 1200	Julie Theriot (Stanford) <i>Life on the inside: Invasion of polarized epithelia by the bacterial pathogen Listeria monocytogenes</i>	
1200 - 1230	Dominique Soldati (Geneva) <i>Apicomplexan parasites: an intracellular life style</i>	
1230 - 1430	CDC Career Mentoring Lunch <i>sponsored by Science Careers and Science's Next Wave</i>	Restaurant
1300 - 1600	<b>Poster Session II</b> Membrane traffic Cell adhesion Cell migration Molecular biology of development Signal integration	Saal 2,3,4,5 exhibition
1300 - 1500	<b>Kendro Workshop on Selection of Biological Safety Cabinets Class II</b> - in Biological Environment - in GMP / GLP (91 / 356 / EEC) Walter Glück, Thermo Electron Corporation, Langenselbold	Seminarraum 5/6
1300 - 1500	<b>Bitplane Workshop: Imaris: New roles for interactive visualization in image analysis</b> Marius Messerli, Ph.D., CEO Bitplane AG	Seminarraum 3/4
1230 - 1500	<b>Leica Workshop I - Advances in Confocal and Widefield Microscopy</b>	Konferenzraum 3

1300 - 1400	Showing of all bioclips selected	Konferenzraum 4
1600 - 1830	<b>MiniSymposium 8 – Organelle disease</b>	Konferenzraum 2
	<b>Chairpersons: Pia Cosma and Giorgio Casari</b>	
1600 -1630	Pia Cosma (Naples)	
	<i>EMBO YIP Lecture</i>	
	<i>SUMF1, the multiple sulfatase deficiency gene and its paralog SUMF2 regulate sulfatase activities</i>	
1630 - 1700	Giorgio Casari (Milano)	
	<i>Paraplegin AFG3L2 complex, a large mitochondrial metalloprotease with a role in neurodegeneration</i>	
1700 - 1730	Ari Helenius (Zürich)	
	<i>Folding, misfolding and quality control of glycoproteins in the ER</i>	
1730 - 1750	Sebastian Schuck (Dresden)	
	<i>The golgi-localized small GTPase Rab10 regulates biosynthetic protein sorting to the plasma membrane of polarized epithelial cells</i>	
1750 - 1810	Hirohei Yamamura (Kobe)	
	<i>Protein-tyrosine kinase, Syk is indispensable in B cell receptor mediated apoptosis mediated by lysosomal pathway</i>	
1810 - 1830	Junko Ikuta (Osaka)	
	<i>Mitochondrial transport is regulated by FEZ1 in neurites of NGF-differentiated PC12 cells</i>	
1600 - 1830	<b>MiniSymposium 9 - Membrane fusion</b>	Konferenzraum 3
	<b>Chairpersons: Joshua Zimmerberg and Winfried Weissenhorn</b>	
1600 - 1630	Joshua Zimmerberg (Bethesda)	
	<i>The surface distribution of influenza hemagglutinin and its role in membrane fusion</i>	
1630 -1700	Winfried Weissenhorn (Grenoble)	
	<i>Protein assemblies at membrane surfaces and their role in viral membrane fusion and fission</i>	
1700 - 1730	Andreas Mayer (Epalinges)	
	<i>Trans SNARE pairing can precede a hemifusion intermediate in intracellular membrane fusion</i>	
1730 - 1750	Benjamin Podbilewicz (Haifa)	
	<i>Dissection of syncytiogenesis: EFF-1 proteins fuse cells from beginning to end</i>	
1750 - 1810	Rumiana Dimova (Golm)	
	<i>On the timescales of membrane fusion</i>	
1810 - 1830	Dirk Fasshauer (Goettingen)	
	<i>Rapid binding of synaptobrevin onto the N-terminal portion of a transient syntaxin-SNAP-25 dimer</i>	

1600 - 1830	<b>MiniSymposium 10 - mRNA biogenesis, transport and degradation</b> <b>Chairpersons: Torben Heick-Jensen and Bertrand Seraphin</b>	Konferenzraum 4
1600 - 1630	Torben Heick-Jensen (Aarhus) <i>EMBO YIP LECTURE</i> <i>Connections between transcription, mRNP assembly and quality control in S.cerevisiae</i>	
1630 - 1700	Bertrand Séraphin (Gif sur Yvette) <i>RNA quality control and mRNA degradation: a poly(A) tale</i>	
1700 - 1730	Edouard Bertrand (Montpellier) <i>EMBO YIP Lecture</i> <i>Cytoplasmic mRNA transport in living cells</i>	
1730 - 1800	Karla Neugebauer (Dresden) <i>Co-transcriptional spliceosome assembly occurs in a stepwise fashion and requires the cap-binding complex</i>	
1800 - 1830	Oliver Mühlemann (Bern) <i>Transcriptional silencing of nonsense codon-containing immunoglobulin genes</i>	
1600 - 1830	<b>MiniSymposium 11 - Cell adhesion</b> <b>Chairpersons: Anne Eichmann and Ralf Adams</b>	Konferenzraum 1
1600 - 1630	Ralf Adams (London) <i>Regulation of cell adhesion and migration by the multi-PDZ domain protein GRIP1</i>	
1630 - 1700	Anne Eichmann (Paris) <i>Role of neural guidance receptors in vascular development</i>	
1700 - 1730	Federico Bussolino (Torino) <i>Cellular and molecular mechanisms through which class 3 semaphorin control angiogenesis, tumor growth and invasion</i>	
1730 - 1800	Klaus Ebnet (Münster) <i>Direct interaction of cell polarity proteins PAR-3 and PAR-6 with the cadherin-catenin complex in endothelial cells</i>	
1800 - 1830	Katrin Lorenz (Martinsried) <i>Integrin-linked kinase: Crucial communicator between beta integrins and actin cytoskeleton in keratinocytes in vivo without role in hair differentiation</i>	

1600 - 1830	<b>MiniSymposium 12 - Bionanotechnology</b>	Konferenzraum 5
	<b>Chairpersons: Viola Vogel and Andreas Engel</b>	
1600 - 1630	Viola Vogel (Zürich)	
	<i>How does mechanical force regulate the functional states of adhesion proteins and integrins?</i>	
1630 - 1700	Andreas Engel (Basel)	
	<i>Imaging and manipulating single molecules in a functional state by AFM</i>	
1700 - 1730	Michael Sheetz (New York)	
	<i>Cell mechanics and oncogenes</i>	
1730 - 1750	Ruth Kroschewski (Zürich)	
	<i>3D modeling of mechanical forces in the extra-cellular matrix during cystogenesis</i>	
1750 - 1810	Stefan Diez (Dresden)	
	<i>Optimizing the performance of kinesin-driven transport systems for nanotechnological applications</i>	
1810 - 1830	Anika Mostaert (Dublin)	
	<i>Unravelling the mechanical role of proteins in natural algal adhesives by atomic force microscopy</i>	
1600 - 1830	<b>MiniSymposium 13 – The cytoskeleton</b>	Konferenzraum 6
	<b>Chairpersons: Anna Akhmanova and Marileen Dogterom</b>	
1600 - 1630	Anna Akhmanova (Rotterdam)	
	<i>Molecular mechanism of the CLASP-mediated cortical microtubule attachment at the leading edge of motile cells</i>	
1630 - 1700	Marileen Dogterom (Amsterdam)	
	<i>Growth dynamics of single and multiple force-generating microtubules at nanometer resolution</i>	
1700 - 1730	Giorgio Scita (Milan)	
	<i>Signaling complexes regulating actin dynamics-based membrane protrusions</i>	
1730 - 1800	Ewa Paluch (Paris)	
	<i>Spontaneous breakage in actin gels under tension: from beads to the cell cortex</i>	
1800 - 1830	Marcel Janson (Philadelphia)	
	<i>Regulating microtubule overlap in fission yeast: motors and bundling proteins</i>	

1600 - 1830	<b>MiniSymposium 14 - The nucleus</b>	Seminarraum 5/6
	<b>Chairpersons: Daniela Zink and Amanda Fisher</b>	
1600 - 1630	Daniela Zink (Munich)	
	<i>Nuclear genome organization in mouse embryos during reprogramming and early development</i>	
1630 - 1700	Amanda Fisher (Oxford)	
	<i>Epigenetic profiling of stem cell identity and lineage potential</i>	
1700 - 1730	Dirk Schübeler (Basel)	
	<i>Genome-wide and promoter-specific analyses reveal sites of differential DNA methylation in normal and transformed human cells</i>	
1730 - 1800	Thorsten Stiewe (Würzburg)	
	<i>Regulation of telomerase activity by p73</i>	
1800 - 1830	Johannes Backs (Dallas)	
	<i>Histone Deacetylase 4 serves as a target of CaM kinase II-dependent regulation of cardiomyocyte growth</i>	
1830 - 2045	<b>Leica Workshop II - Advances in Confocal and Widefield Microscopy</b>	Seminarraum 3/4
1900 -	<b>EMBO Alumni Meeting</b>	Konferenzraum 5

	<b>Tuesday, Sept 6th, 2005</b>	
	<b>Plenary Session 5 - Molecular medicine</b>	Großer Saal
	<b>Chairperson: Daniela Corda (Santa Maria Imbaro)</b>	
0900 - 0930	Kari Stefansson (Reykjavic) <i>Genetics of common diseases</i>	
0930 - 1000	Luigi Naldini (Milano) <i>HSC gene transfer by lentiviral vectors: challenges and therapeutic opportunities</i>	
1000 - 1030	John Wood (London) <i>Pain - molecules, mechanisms and medicines</i>	
1030 - 1100	coffee break	Saal 2,3,4,5 exhibiiton
	<i>sponsored by ELSO, Abgene, Biozm, Beckmann, Carl Roth GmbH + Co KG, Corning Life Sciences, CLF Plant Climatics GmbH, Fisher Scientific, Fermentas GmbH, GE Healthcare, Gegenbauer Health Care Services GmbH, Gilson International, JPK Instruments, VWR, WISAG Gebäudereinigung Sachsen GmbH</i>	
	<b>Plenary Session 6 – Molecules at work</b>	Großer Saal
	<b>Chairperson: Anne Ridley (London)</b>	
1100 - 1130	Patrick Cramer (Munich) <i>The multiprotein machine for gene transcription</i>	
1130 - 1200	Tim Richmond (Zürich) <i>Chromatin structure</i>	
1200 - 1230	Pamela Bjorkman (Pasadena) <i>Fc receptors: from molecules to cells</i>	
1300 - 1600	<b>Poster Session III</b>	Saal 2,3,4,5 exhibition
	Morphogenesis	
	Stem cells and fate	
	Angiogenesis	
	Bioinformatics	
	Chemical biology	
	Cell biology of neurons	
	Lipidomics	
	Membrane fusion	
	Other issues	

1300 - 1500	<b>Carl Zeiss Workshop II</b>	Seminarraum 3/4
	<b>Advanced microscopy solutions dedicated to live cell imaging</b>	
	<i>Quantitative confocal time-lapse imaging of live dividing cells</i>	
	Felipe Mora-Bermúdez, EMBL, Heidelberg	
	<i>LSM 5 LIVE - Ultrafast and sensitive confocal imaging in biomedical research</i>	
	Richard Ankerhold, Carl Zeiss	
	<i>LSM 510 META Rel. 3.5 - Flexible live cell imaging, manipulation and analysis: From spectral imaging to FRET, FRAP and user defined workflows</i>	
	Bernhard Zimmermann, Carl Zeiss	
	<i>Introduction to 3D-deconvolution and spherical aberration correction in live cell imaging</i>	
	Julia König, Intelligent Imaging Innovations GmbH, Göttingen	
1400 - 1500	<b>Amaxa Workshop: Amaxa's 96-well nucleofection system</b>	Seminarraum 5/6
	Titus Kretzchmar, Amaxa	
1600 - 1830	<b>MiniSymposium 15 - Membrane traffic</b>	Saal 1
	<b>Chairpersons: Joost Holthuis and Britta Qualmann</b>	
1600 - 1630	Joost Holthuis (Utrecht)	
	<i>The emerging role of lipid flippases in membrane traffic</i>	
1630 - 1700	Britta Qualmann (Magdeburg)	
	<i>Coordination of vesicle formation with the membrane-associated actin cytoskeleton</i>	
1700 - 1730	Harald Stenmark (Oslo)	
	<i>Phosphoinositides grease the wheels of the endocytic membrane trafficking machinery</i>	
1730 - 1800	Vladimir Lupashin (Little Rock)	
	<i>The COG complex regulates intra-Golgi cycling of vesicles that carry SNAREs and Glycosyltransferases</i>	
1800 - 1830	Matthias Seedorf (Heidelberg)	
	<i>SEC18/NSF-independent protein-sorting pathway from the yeast cortical ER to the plasma membrane</i>	
1600 - 1830	<b>MiniSymposium 16 - Cell biology of neurons</b>	Konferenzraum 1
	<b>Chairpersons: Peter Scheiffele and Martin Schwab</b>	
1600 - 1630	Peter Scheiffele (New York)	
	<i>Molecular mechanisms of synapse formation in the central nervous system</i>	
1630 - 1700	Martin Schwab (Zürich)	
	<i>Plasticity and regeneration of neuronal circuits in the adult CNS</i>	
1700 - 1730	Carlos Ibanez	
	<i>Ligand-induced cell adhesion, a new mechanism for synapse formation in the vertebrate brain</i>	
1730 - 1800	Marko Brankatschk (Vienna)	
	<i>Netrins are short-range attractants for commissural axons in Drosophila</i>	
1800 - 1830	Michael Kiebler (Vienna)	
	<i>A first glimpse at the biological role of staußen 2 in polarized neurons</i>	

1600 - 1830	<b>MiniSymposium 17 – Bioinformatics</b>	Konferenzraum 2
	<b>Chairpersons: David Kreil and Michael Schröder</b>	
1600 - 1630	David Kreil (Cambridge, UK)	
	<i>Moving towards quantitative transcript expression measurements - Advances and current challenges in microarray design and data analysis</i>	
1630 - 1700	Michael Schroeder (Dresden)	
	<i>PSIMAP: A structural protein interaction map</i>	
1700 - 1730	Arndt von Haeseler (Düsseldorf)	
	<i>Towards a map of our genetic ancestry</i>	
1730 - 1800	Thomas Wilhelm (Jena)	
	<i>Common patterns in type II restriction enzyme binding sites</i>	
1800 - 1830	Steffen Möller (Rostock)	
	<i>Gene expression levels as traits in genetic linkage analysis</i>	
1600 - 1830	<b>MiniSymposium 18 - Angiogenesis</b>	Konferenzraum 3
	<b>Chairpersons: Elisabetta Dejana and Kari Alitalo</b>	
1600 - 1630	Elisabetta Dejana (Milano)	
	<i>The role of endothelial cell to cell junctions in vascular development</i>	
1630 - 1700	Kari Alitalo (Helsinki)	
	<i>Lymphangiogenesis in development and human diseases</i>	
1700 - 1730	Christer Betsholtz (Stockholm)	
	<i>Angiogenic sprouting</i>	
1730 - 1800	Eckhard Lammert (Dresden)	
	<i>Vascular lumen formation through a vesicular mechanism</i>	
1800 - 1830	Amel Mettouchi (Nice)	
	<i>Integrins and angiogenesis : Molecular dissection of Beta-1 integrins role as switches for proliferative to quiescent-morphogenic behavior of endothelial cells</i>	
1600 - 1830	<b>MiniSymposium 19 - Morphogenesis</b>	Konferenzraum 6
	<b>Chairpersons: Maria Leptin and Carl-Philipp Heisenberg</b>	
1600 - 1630	Maria Leptin (Cologne)	
	<i>A gene hierarchy from morphogen to morphogenesis: functions of conserved and fast evolving genes in the Drosophila embryo</i>	
1630 - 1700	Carl-Philipp Heisenberg (Dresden)	
	<i>Wnt11 functions in gastrulation by controlling cell cohesion through Rab5 mediated endocytosis</i>	
1700 - 1730	Markus Affolter (Basel)	
	<i>FGF signaling and organ morphogenesis in Drosophila</i>	
1730 - 1800	Derek Stemple (Cambridge, UK)	
	<i>Expression of coatomer mRNA in zebrafish notochord progenitors is controlled by the unfolded protein response</i>	
1800 - 1830	Sergio Simoes (Lisboa)	
	<i>Drosophila posterior spiracles as a model to study tubulogenesis</i>	

1600 - 1830	<b>MiniSymposium 20 - Stem cells and fate</b>	Konferenzraum 5
	<b>Chairpersons: Ian Chambers and Gianvito Martino</b>	
1600 - 1630	Maarten van Lohuizen (Amsterdam)	
	<i>Polycomb repressors controlling stem cell fate: implications for cancer and development</i>	
1630 - 1700	Ian Chambers (Edinburgh)	
	<i>The role of Nanog in mouse ES cell self-renewal and pluripotency</i>	
1700 - 1730	Gianvito Martino (Milano)	
	<i>Neural stem cell therapy in neurological disorders: where we are , where we go</i>	
1730 - 1750	Katja Franke (Dresden)	
	<i>Mimicking the niche - adhesion of hematopoietic stem cells onto extracellular matrix coatings</i>	
1750 - 1810	Claire Chazaud (Clermont-Fd)	
	<i>Early lineage segregation between epiblast and primitive endoderm in mouse blastocysts</i>	
1810 - 1830	Insa Sigrid Schroeder (Gatersleben)	
	<i>In vitro differentiation of embryonic stem and adult liver stem cells into the hepatocytic lineage</i>	
1600 - 1830	<b>MiniSymposium 21 - Chemical biology</b>	
	<b>Chairpersons: Thomas Mayer and Carsten Schultz</b>	Seminarraum 5/6
1600 - 1620	Thomas Mayer (Munich)	
	<i>Small molecules: versatile tools to study mitosis</i>	
1620 - 1640	Carsten Schultz (Heidelberg)	
	<i>Engineering of fluorescent kinase sensors</i>	
1640 - 1700	Peter Seeberger (Zürich)	
	<i>Chemical glycomics to enable biological and medical discoveries</i>	
1700 - 1720	Craig Crews (New Haven)	
	<i>Sponsored by Schering</i>	
	<i>Chemical genetics: controlling biology with chemical probes</i>	
1720 - 1740	Thorsten Berg (Martinsried)	
	<i>Small-molecule inhibitors of dimeric transcription factors</i>	
1740 - 1810	Moti Liscovitch (Rehovot)	
	<i>Ligand interaction scan: a general method for engineering small molecule ligand-sensitive protein alleles</i>	
1810 - 1830	Lucie Kalvodova (Dresden)	
	<i>Exploring the role of lipids in APP processing</i>	
1845 -	Special Session: Cinema of the Cell	Großer Saal
	<i>sponsored by Bitplane, Chroma, Portland Press, SBCF</i>	
	followed by	
	Poster Awards Presentation and Closing Remarks	
	<i>Poster awards sponsored by ELSO and Nature Publishing Group</i>	