

ELSO 2008		
30 August - 2 September 2008		
Programme		
Saturday, 30 August 2008		
1530 - 1800	Subgroup meeting 1 - Mammalian neurogenesis during embryonic development and adulthood	Hermes
	Chairpersons: Federico Calegari, Dresden and Marius Ader, Dresden	
1530 - 1600	Yoichi Kosodo, Kobe	
	<i>Cell division and interkinetic nuclear migration of neuroepithelial stem cells</i>	
1600 - 1630	Colette Dehay, Bron	
	<i>Role of cell cycle in cortical development</i>	
1630 - 1700	Yvan Arsenijevic, Lausanne	
	<i>Relevance of neonatal and adult mouse retinal stem cells to study retinogenesis in vitro</i>	
1700 - 1730	Chichung Lie, Munich	
	<i>Transcription factors in the regulation of adult neurogenesis</i>	
1730 - 1800	Nora Abrous, Bordeaux	
	<i>Role of adult born neurons in spatial relational memory</i>	
1530 - 1800	Subgroup meeting 2 - Retrovirus trafficking	Gallieni 6
	Chairperson: Delphine Muriaux, Lyon	
1530 - 1555	Eric Freed, Frederick	
	<i>Host factors in retroviral Gag trafficking</i>	
1555 - 1620	Andrew Mouland, Quebec	
	<i>Locales of HIV-1 Gag-host protein interactions in live cells</i>	
1620 - 1645	Maarit Suomalainen, Helsinki	
	<i>The Vpu-regulated intracellular trafficking of HIV-1 Gag</i>	
1645 - 1710	Clare Jolly, Oxford	
	<i>Synapses and secretion in HIV-1 pathogenesis</i>	
1710 - 1735	Philippe Benaroch, Paris	
	<i>HIV assembly in macrophages</i>	
1735 - 1800	Ali Saib, Paris	
	<i>Early trafficking of incoming retroviruses</i>	
1530 - 1800	Subgroup meeting 3 - Microtubule-cell cortex interactions	Clio
	Chairperson: Anne Straube, Oxted	
1530 - 1555	Anna Akhmanova, Rotterdam	
	<i>Linking microtubules to the plasma membrane through LL5β and its partners</i>	
1555 - 1620	David Bouchez, Versailles	
	<i>Are centrosomal components at the cortex of plant cells?</i>	
1620 - 1645	Damian Brunner, Heidelberg	
	<i>Microtubules position growth sites in fission yeast by organising sterol-rich membranes</i>	
1645 - 1710	Marileen Dogterom, Amsterdam	
	<i>Interaction of dynamic microtubule ends with cortical proteins in vitro</i>	
1710 - 1735	Sandrine Etienne-Manneville, Paris, EMBO Young Investigator	
	<i>Dynein in microtubule anchoring and cell migration</i>	
1735 - 1800	Anne Straube, Oxted	
	<i>EB3-mediated regulation of microtubule dynamics at the cell cortex</i>	

1530 - 1800	Subgroup meeting 4 - The role of endocytic trafficking pathways in cell adhesion and migration	Med 4
	Chairpersons: Harry Mellor, Bristol and Jim Norman, Glasgow	
1530 - 1600	Harry Mellor, Bristol	
	<i>The role of endocytic trafficking in angiogenesis</i>	
1600 - 1630	Maria Grazia Lampugnani, Milan	
	<i>Cell-to-cell junctions in endothelial cells: molecular organization and signalling control</i>	
1630 -1700	Jim Norman, Glasgow	
	<i>Integrin trafficking in cancer cell migration</i>	
1700 - 1730	Josh Rappoport, Birmingham	
	<i>Imaging the role of vesicle trafficking during cell motility</i>	
1730 - 1800	Teijo Pellinen, Turku	
	<i>Integrin traffic regulated by Rab21 is necessary for cytokinesis</i>	
1530 - 1800	Subgroup meeting 5 - Endocannabinoid biology	Med A1
	Chairperson: Maurizio Bifulco, Salerno	
	Sponsored by Sanofi Aventis	
1530 - 1540	Maurizio Bifulco, Salerno	
	<i>Introduction</i>	
1540 - 1600	Vincenzo di Marzo, Napoli	
	<i>The endocannabinoid system: its general strategy of action, tools for its pharmacological manipulation and therapeutic exploitation</i>	
1600 - 1620	George Kunos, Bethesda	
	<i>Endocannabinoids, metabolic syndrome and energy homeostasis</i>	
1620 - 1640	Mauro Maccarrone, Teramo	
	<i>The role of endocannabinoids in human fertility</i>	
1640 - 1700	Maurice Elphick, London	
	<i>Functional neuroarchitecture and evolution of endocannabinoid signalling</i>	
1700 - 1720	Beat Lutz, Mainz	
	<i>Endocannabinoids: from neural development to synaptic plasticity</i>	
1720 - 1740	Daniela Parolaro, Varese	
	<i>Long-lasting neurobiological consequences of THC treatment in adolescence: behavioral, biochemical and morphological correlates</i>	
1740 - 1800	Discussion	
1530 - 1800	Subgroup meeting 6 - Membrane trafficking in health and disease	Erato
	Chairperson: Rainer Duden, London	
1530 - 1600	Eva-Maria Mandelkow, Hamburg	
	<i>Microtubule-associated protein Tau: roles in neurite outgrowth, axonal transport, and Alzheimer neurodegeneration</i>	
1600 - 1630	Miguel Seabra, London	
	<i>Rab GTPases, organelle motility and disease</i>	
1630 - 1700	Volker Haucke, Berlin	
	<i>Regulation of adaptor-mediated endosomal membrane traffic</i>	
1700 - 1730	Patrice Boquet, Nice	
	<i>Intracellular trafficking of Helicobacter pylori VacA cytotoxin: a possible link with gastric severe pathologies</i>	
1730 - 1800	Irina Majoul, London	
	<i>Cell-cell communication in health and disease: connexins and their regulating proteins</i>	
1800	Social get-together	Agora
1900	Opening address: Hermann Bujard, EMBO and Kai Simons, ELSO	Athena
	Keynote lectures	
	Louis-Jeantet Lectures	
	Winners of the 2008 Louis-Jeantet prize for medicine	
1900 - 1945	Pascale Cossart	
	<i>Understanding the infection by Listeria monocytogenes: the rise of a multifaceted model</i>	
1945 - 2030	Jurg Tschopp	
	<i>The inflammasome: the guardian of our bodies?</i>	

	Sunday, 31 August 2008	
0900 - 1030	Plenary session 1 - Systems biology Chairperson: Daniel Louvard, Paris	Athena
0900 - 0930	Pamela Silver, Boston <i>Designing biological systems</i>	
0930 - 1000	Béla Novák, Oxford <i>Irreversibility of mitotic exit in budding yeast</i>	
1000 - 1030	Ursula Klingmüller, Heidelberg <i>Dynamic pathway modelling and connection to cancer relevant alterations</i>	
1030 - 1100	Coffee Break sponsored by <i>ELSO, EMBO and Cell Press</i>	Exhibition
1100 - 1230	Plenary session 2 - Membrane dynamics Chairperson: Ivan Dikic, Frankfurt	Athena
1100 - 1130	Gillian Griffiths, Oxford <i>Polarised secretion from lymphocytes</i>	
1130 - 1200	Alberto Luini, Santa Maria Imbaro (Chieti) <i>Organization of the secretory pathway: different transport strategies for different classes of cargo proteins</i>	
1200 - 1230	Graham Warren, Vienna <i>How to make a Golgi apparatus</i>	
1400 - 1530	Careers Outside Academia (a Career Development Committee session) Chairperson: Barbara Tigar, Contract Research Staff Training Adviser, Lancaster University	Gallieni 6
	Birgit Kerber, Intellectual Property Manager, EMBL Enterprise Management Technology Transfer, Heidelberg <i>Bringing science from bench to bedside: technology transfer</i>	
	Graham Wilkie, European Commission Scientific Officer for Marie Curie Host Fellowships <i>From brain biochemistry to Brussels</i>	
	Sarah Blackford, External Affairs Manager, Society for Experimental Biology, Lancaster <i>Working for a learned society - one job, multiple roles</i>	
	Vivian Siegel, Director, Center for Science Communication, Vanderbilt University School of Medicine <i>Scientific editing and communication: the life of a professional editor</i>	
1300 - 1600	Poster session I	Exhibition
	Genome analysis and evolution	
	Cell division	
	Cell cycle and growth control	
	Protein folding and degradation	
	Intracellular transport from the ER to the cell surface	
	Endocytosis	
	Cell adhesion	
	Mitochondria, chloroplasts and peroxisomes	
	Viruses	
	Programmed cell death	
	Novel approaches and methods	
1600 - 1830	Minisymposium 1 - Endocytosis and receptor trafficking Chairpersons: Michael Clague, Liverpool and Bernard Hoflack, Dresden	Hermes
1600 - 1630	Michael Clague, Liverpool <i>Receptor tyrosine kinase trafficking and signalling: role of ubiquitin and phosphoinositides</i>	
1630 - 1700	Bernard Hoflack, Dresden <i>Proteomic approaches to understanding Golgi and lysosomal traffic</i>	
1700 - 1730	Simona Polo, Milan <i>On EGFR signalling and ubiquitination</i>	
1730 - 1800	Ludger Johannes, Paris <i>Mechanisms of membrane invagination and scission in clathrin-independent endocytosis</i>	
1800 - 1830	Stéphanie Le Bras, Rennes <i>A dsRNA genetic screen to identify regulators of intracellular traffic in the Notch signalling pathway</i>	

1600 - 1830	Minisymposium 2 - Cell cycle	Gallieni 6
	Chairpersons: Ludger Hengst, Innsbruck and Monica Bettencourt-Dias, Oeiras	
1600 - 1630	Ludger Hengst, Innsbruck	
	<i>The CDK-inhibitor p27^{Kip1} links oncogenes to cell cycle control</i>	
1630 - 1700	Monica Bettencourt-Dias, Oeiras	
	<i>The control of centrosome number</i>	
1700 - 1730	Mariano Barbacid, Madrid	
	<i>Cyclin-dependent kinases, cell cycle and cancer</i>	
1730 - 1800	Federico Calegari, Dresden	
	<i>A transient overexpression of cdk4/cyclin D1 in neural stem/progenitor cells of developing mouse embryos speeds up their cell cycle and delays their switch to neurogenesis</i>	
1800 - 1830	Ingrid Hoffmann, Heidelberg	
	<i>Polo-like kinase-2 regulates centriole duplication through degradation of the SCF-type ubiquitin-ligase Fbw7/hCdc4 leading to cyclinE stabilization</i>	
1600 - 1830	Minisymposium 3 - Mechanisms of axonal guidance	Risso 6
	Chairpersons: Klas Kullander, Uppsala and Britta Eickholt, London	
1600 - 1605	<i>Introduction</i>	
1605 - 1625	Klas Kullander, Uppsala	
	<i>Netrin-1 mediated axon guidance in locomotor neuronal circuits</i>	
1625 - 1645	Britta Eickholt, London	
	<i>Mechanisms of axonal guidance and circuit formation</i>	
1645 - 1710	Pico Caroni, Basel	
	<i>Regulation of axon remodeling in the adult</i>	
1710 - 1730	Francoise Helmbacher, Marseille	
	<i>Coordinating the development of a motor neuron pool and its target muscle: a dual role of themuscle: a dual role for the Fat1 protocadherin</i>	
1730 - 1750	Thomas Hummel, Münster EMBO Young Investigator	
	<i>Temporally restricted targeting competence controls synaptic layer selection of Drosophila photoreceptor axons</i>	
1750 - 1810	Veronika Neubrand, London	
	<i>The interaction between Kidins220 and the RhoGEF Trio is necessary for neurite outgrowth</i>	
1810 - 1830	Matthias Krause, London	
	<i>Lamellipodin is implicated in the regulation of axon morphology</i>	
1600 - 1830	Minisymposium 4 - DNA repair	Risso 7
	Chairpersons: Nico Dantuma, Stockholm and Jan Hoeijmakers, Rotterdam	
1600 - 1630	Nico Dantuma, Stockholm	
	<i>The role of protein stability in nucleotide excision repair</i>	
1630 - 1700	Jan Hoeijmakers, Rotterdam	
	<i>DNA damage and its impact on cancer and aging</i>	
1700 - 1730	Alain Nicolas, Paris	
	<i>Mechanisms of minisatellite destabilization and rearrangement in the absence of Rad27/FEN1 or Pif1 in S. cerevisiae</i>	
1730 - 1800	Patrizia Vernole, Rome	
	<i>5(2-Bromovinyl)-2'-deoxyuridine (BVDU), increases the amount of chromatid breaks induced by bleomycin in mismatch repair deficient tumor cells by inhibiting homologous recombination</i>	
1800 - 1830	Nicola Crosetto, Frankfurt	
	<i>Ubiquitin binding domains regulate protein localization inside the nucleus</i>	

1600 - 1830	Minisymposium 5 - Interface between chemistry and biology	Risso 8
	Chairpersons: Rudiger Woscholski, London and Temo Kurzchalia, Dresden	
1600 - 1630	Rudiger Woscholski, London <i>Chemical biology approaches to phosphoinositide signalling</i>	
1630 - 1700	Temo Kurzchalia, Dresden <i>Dauer larva formation in Caenorhabditis elegans is regulated by methylation of the sterol nucleus</i>	
1700 - 1730	Per Hammarstrom, Linkoping <i>Illuminating misfolded proteins: new methods and molecules for detection and characterization of pathogenic amyloid structures</i>	
1730 - 1800	Lawrence Rajendran, Dresden <i>Efficient inhibition of the Alzheimer's disease β-secretase by membrane targeting</i>	
1800 - 1830	Benoit Sorre, Paris <i>Lipid sorting in membranes nanotubes</i>	
1600 - 1830	Minisymposium 6 - Genetics of human disease	Erato
	Chairpersons: Veronica van Heyningen, Edinburgh and Maria Grazia Roncarolo, Milan	
1600 - 1630	Veronica van Heyningen, Edinburgh <i>Disease, development, evolution and environment: insights from eyes</i>	
1630 - 1700	Maria Grazia Roncarolo, Milan <i>Gene therapy for genetic diseases of the immune system: the SCID paradigm and beyond</i>	
1700 - 1730	Kari Stefansson, Reykjavik <i>Genetics of Common / Complex Traits</i>	
1730 - 1800	Barbara Royer, Marseille <i>Epileptic and developmental disorders of the speech cortex: ligand/receptor interaction of wild-type and mutant SRPX2 with the plasminogen activator receptor uPAR</i>	
1800 - 1830	Daniel Bak, Warsaw <i>Endocytic protein syndapin 1 is a potential modifier of huntingtin aggregation</i>	
1600 - 1830	Minisymposium 7 - Cell adhesion	Thalia
	Chairpersons: Ruth Chiquet-Ehrismann, Basel and Vania Braga, London	
1600 - 1630	Ruth Chiquet-Ehrismann, Basel <i>Tenascin-C and tenascin-W in cancer: cell adhesion modulation and a role in cancer growth and metastasis?</i>	
1630 - 1700	Vania Braga, London <i>RhoE is required for keratinocyte differentiation and stratification</i>	
1700 - 1730	Arnoud Sonnenberg, Amsterdam <i>Role of integrin $\alpha 6 \beta 4$-mediated signals in hemidesmosome assembly.</i>	
1730 - 1800	Julie Gavard, Paris <i>Phospho-serine-dependent endocytosis of VE-cadherin controls endothelial cell permeability</i>	
1800 - 1830	Bernhard Wehrle-Haller, Geneva <i>Talin FERM domain interaction with a membrane proximal acidic motif controls integrin clustering</i>	
1900 - open end	Open Floor Debate on Mobility (a Career Development Committee Session)	Hermes
	Guntram Bauer, Director of Fellowships, HFSP <i>Beyond the postdoc - insertion points for PI jobs across Europe</i>	
	Gerlind Wallon, Deputy Executive Director, EMBO <i>Women, dual careers and the quest for the holy grail of mobility</i>	
	Carl-Henrik Heldin, Member of the ERC Scientific Council <i>Will the ERC help to promote the mobility of European scientists?</i>	
	Discussion panel: Mariano Barbacid, Mónica Bettencourt Dias, Miguel Seabra	

	Monday, 1 September 2008	
0830 - 1030	Plenary session 3 - Stem cells and differentiation Chairperson: Daniela Corda, Santa Maria Imbaro (Chieti)	Athena
0830 - 0900	Andreas Trumpp, Epalinges <i>Dormant and activated stem cells during homeostasis, injury and cancer</i>	
0900 - 0930	Jeremy Brockes, London <i>Mechanisms underlying limb regeneration in an adult vertebrate</i>	
0930 - 1000	Clare Blackburn, Edinburgh <i>Molecular regulation of epithelial lineage progression in the thymus</i>	
1000 - 1030	Yann Barrandon, Lausanne <i>The stratified epithelial stem cell family</i>	
1030 - 1100	Coffee Break sponsored by <i>ELSO, EMBO and Cell Press</i>	Exhibition
1100 - 1230	Plenary session 4 - Patterning in development Chairperson: Chiara Zurzolo, Paris	Athena
1100 - 1130	Denis Duboule, Geneva <i>Large-scale gene regulation during vertebrate development and evolution</i>	
1130 - 1200	Magdalena Zernicka-Goetz, Cambridge, UK <i>Formation of the first lineages of the mouse embryo</i>	
1200 - 1230	ELSO Early Career Award Asifa Akhtar, Heidelberg <i>Dosage compensation in Drosophila: old complex new facts</i> Sponsored by Carl Zeiss MicroImaging GmbH	Athena
1230 - 1500	Career Mentoring Lunch (a Career Development Committee Session) Sponsored by <i>Science Careers</i> Only for pre-registered participants	Clio
1300 - 1500	Olympus workshop <i>The gentle way: switching from fluorescence to highly sensitive luminescence microscopy. Applications as gene expression and Ca²⁺ imaging in individual cells and tissue slice</i>	Risso 7
1330 - 1500	Carl Zeiss workshop: Sound of science: new instruments and applications in live cell imaging Thorsten Kues <i>Fluorescence microscopy in a new light</i> Rene Hessling <i>Ultimate sensitivity - a new generation of laser scanning microscopes</i> Guest speaker <i>New developments in molecular imaging</i>	Gallieni 6
1300 - 1600	Poster session II Molecular machines Organelles Molecular medicine Signal transduction Glycobiology Plant biology Nucleus and gene expression In and out of the nucleus Extracellular matrix Early development Organization and function of the nervous system Cells and tissues Molecular microbiology Parasitology Bioinformatics / biological computing Molecular physiology	Exhibition

1300 - 1500	Science and Society session on stem cells organized by EMBO	Risso 6
	Sponsored by the BioTethed Project	
	New stem cell research - overturning the ethical debate?	
	Chairperson: Andreas Trumpp, Epalinges	
	Karim Nayernia, Newcastle-upon-Tyne	
	Emily Jackson, London	
	Andrew Moore, Heidelberg	
1500 - 1530	EMBO Award for Public Communication in the Life Sciences	Risso 6
1600 - 1830	Minisymposium 8 - Entry of pathogens into cells	Hermes
	Chairpersons: Emmanuel Lemichez, Nice and David Holden, London	
1600 - 1630	Emmanuel Lemichez, Nice	
	<i>E. coli CNF1 toxin: a two-in-one system for Rho-dependent host-cell invasion</i>	
1630 - 1700	David Holden, London	
	<i>Salmonella/epithelial cell interactions</i>	
1700 - 1730	Pascale Cossart, Paris	
	<i>Cytoskeleton rearrangements during entry of Listeria into cells : unexpected new players in the game!"</i>	
1730 - 1800	Jason Mercer, Zurich	
	<i>Vaccinia virus uses macropinocytosis and apoptotic mimicry to enter host cells</i>	
1800 - 1830	Alessia Quatela, Paris	
	<i>Characterization of forces exerted by filopodia during Shigella entry</i>	
1600 - 1830	Minisymposium 9 - Mitosis	Gallieni 6
	Chairpersons: Thomas Müller-Reichert, Dresden and Helder Maiato, Porto	
1600 - 1630	Thomas Müller-Reichert, Dresden	
	<i>Spindle organization in C. elegans - bridging molecular cell biology and electron tomography</i>	
1630 - 1700	Helder Maiato, Porto	
	<i>Synchronizing chromosome segregation and kinetochore force distribution</i>	
1700 - 1730	Daniel Gerlich, Zurich	
	<i>Regulation of cytokinetic abscission in human cells</i>	
1730 - 1750	Patrick Meraldi, Zurich	
	<i>Separating the mitotic functions of Bub1</i>	
1750 - 1810	Leah Gheber, Beer-Sheva	
	<i>Interpolar microtubule dynamics and kinesin-5 activity during anaphase spindle elongation</i>	
1810 - 1830	Dina Dikovskaya, Dundee	
	<i>Novel interaction between importin β and adenomatous polyposis coli protein and its effect on spindle formation</i>	
1600 - 1830	Minisymposium 10 - Molecular motors	Risso 6
	Chairpersons: Michelle Peckham, Leeds and Manfred Schliwa, Munich	
1600 - 1630	Michelle Peckham, Leeds	
	<i>Tales of myosin tails</i>	
1630 - 1700	Manfred Schliwa, Munich	
	<i>Tuning kinesin-1</i>	
1700 - 1730	Claudia Veigel, London	
	<i>Mechanical properties of processive myosins</i>	
1730 - 1800	James Sellers, Bethesda	
	<i>Structural basis for the regulation of Drosophila myosin 7a</i>	
1800 - 1830	Ivo Telley, Heidelberg	
	<i>What kinesin really does at roadblocks</i>	

1600 - 1830	Minisymposium 11 - Transcriptional regulation	Risso 7
	Chairpersons: Terence Strick, Paris, EMBO Young Investigator and Nouria Hernandez, Lausanne	
1600 - 1630	Terence Strick, Paris, EMBO Young Investigator	
	<i>Single-molecule studies of gene transcription by the RNA polymerase molecular motor</i>	
1630 - 1700	Nouria Hernandez, Lausanne	
	<i>Regulation of human RNA polymerase III transcription by Maf1.</i>	
1700 -1730	Patrick Cramer, Munich	
	<i>Gene transcription: from molecules to systems</i>	
1730 - 1800	Daniel Panne, Grenoble	
	<i>The IFN-β enhanceosome</i>	
1800 - 1830	Joseph Orly, Jerusalem	
	<i>Instrumental transcriptional plasticity underlying expression of genes encoding essential steroidogenic genes: lessons from star and cyp11a1 studies</i>	
1600 - 1830	Minisymposium 12 - Phospholipid kinases in biology and disease	Risso 8
	Chairpersons: Ana Clara Carrera Ramirez, Madrid and Bart Vanhaesebroeck, London	
1600 - 1630	Ana Clara Carrera Ramirez, Madrid	
	<i>Distinct activation requirements and function for phosphoinositide 3-kinase p110α and β in cell division</i>	
1630 - 1700	Bart Vanhaesebroeck, London	
	<i>Biological roles of PI 3-kinase isoforms</i>	
1700 - 1730	Matthias Wymann, Basel	
	<i>Change of partner, change of fate – PI 3-Kg in allergy</i>	
1730 - 1800	Christina Ehrhardt, Münster	
	<i>A novel player in a deadly game – PI 3K and influenza virus infection</i>	
1800 - 1830	Lloyd Trotman, Cold Spring Harbor	
	<i>PTEN/PI 3-kinase pathway alteration and the senescence response in cancer</i>	
1600 - 1830	Minisymposium 13 - Cell stress responses	Erato
	Chairpersons: Pier Giuseppe Pelicci, Milan and Marja Jäätelä, Copenhagen	
1600 - 1630	Pier Giuseppe Pelicci, Milan	
	<i>P66^{Shc}-generated oxidative signal promotes fat accumulation</i>	
1630 - 1700	Marja Jäätelä, Copenhagen	
	<i>Control of cell death by lysosomes and Hsp70</i>	
1700 - 1730	Niels Mailand, Copenhagen	
	<i>Orchestration of genome surveillance pathways by DNA damage-responsive ubiquitin ligases</i>	
1730 - 1800	Viorica Lastun, Utrecht	
	<i>GRP94 - chaperone, stress regulator, or both?</i>	
1800 - 1830	Bengu Sezen, Heidelberg	
	<i>Quantitative study of a new pathway triggered by deletion of the essential gene MPS2</i>	
1600 - 1830	Minisymposium 14 - Mechanisms of cell migration	Thalia
	Chairpersons: Klemens Rottner, Braunschweig and Kate Nobes, Bristol	
1600 - 1630	Klemens Rottner, Braunschweig	
	<i>Functional dissection of Arp2/3 complex activators in lamellipodium protrusion and cell migration</i>	
1630 - 1700	Kate Nobes, Bristol	
	<i>Regulation of cell migration by Eph-ephrin signalling</i>	
1700 - 1730	Kees Weijer, Dundee	
	<i>Chemotactic cell movement during Dictyostelium development and chick gastrulation</i>	
1730 - 1800	Floria Lizarraga-Sanchez, Paris	
	<i>Role of diaphanous-related formins in breast cancer cell invasion</i>	
1800 - 1830	Robert Grosse, Heidelberg	
	<i>A novel protein that regulates β1 integrin gene expression and invasive cell migration</i>	

Tuesday, 2 September 2008		
0900 - 1030	Plenary session 5 - Regulation of cell shape Chairperson: Jean Gruenberg, Geneva	Athena
0900 - 0930	Michel Bornens, Paris <i>Shape, polarity and individuation of animal cells</i>	
0930 - 1000	Valerie Weaver, San Francisco <i>Cancer: a force to resist</i>	
1000 - 1030	Donald Ingber, Boston <i>Tensegrity-based mechanical control of cell and tissue morphogenesis</i>	
1030 - 1100	Coffee Break sponsored by <i>ELSO, EMBO and Cell Press</i>	Exhibition
1100 - 1230	KLAUS TSCHIRA LECTURES (Plenary session 6): Postgenomics Chairperson: Maria Leptin, Cologne	Athena
1100 - 1130	Tony Hyman, Dresden <i>Systems approaches to cell division</i>	
1130 - 1200	Gene Myers, Ashburn <i>Image-based modeling for molecular biology</i>	
1200- 1230	Matthias Mann, Munich <i>Proteomics as a basis for systems biology</i>	
1300 - 1500	Leica Microsystems workshop: from macro to nano Martin Hoppe, Market Manager Life Science Research (Leica Microsystems) <i>Advances in confocal microscopy: from macro to nano</i> Samuel Lesko (Veeco) <i>Atomic force microscopy: applications for biology and advantages of combination with inverted optical microscopy techniques</i> Vanessa Lurquin, Product Manager Life Science Research (Leica Microsystems) <i>C.A.R.S. microscopy: an alternative method to fluorescence to investigate unstained living samples</i>	Gallieni 6
1300 - 1500	Olympus workshop <i>Olympus scan^R screening station: quantitative high-content image acquisition and analysis</i>	Risso 7
1300 - 1600	Poster session III Cytoskeleton and cell motility Membranes, lipids and microdomains Cancer biology Morphogenesis and differentiation Other issues	Exhibition
1300 - 1530	EMBO Media workshop: Who should sell science to the public? Andrew Moore, Heidelberg Björn Schwentker, Freelance journalist, Germany	Risso 6
1400 - 1500	Meet-a-Mentor (a Career Development Committee session) Sponsored by SET-Routes This year's mentor is Maria Leptin, Professor, Institute of Genetics, University of Cologne	Risso 8

1600 - 1830	Minisymposium 15 - Membrane organisation	Hermes
	Chairpersons: Thorsten Lang, Bonn and Patricia Bassereau, Paris	
1600 - 1625	Thorsten Lang, Bonn	
	<i>Mechanisms and functional consequences of SNARE protein micropatterning</i>	
1625 - 1650	Patricia Bassereau, Paris	
	<i>In vitro evidence of lipid and protein sorting induced by membrane curvature</i>	
1650 - 1715	Claudia Stuermer, Konstanz	
	<i>Reggie microdomains: plasma membrane signalling centres?</i>	
1715 - 1740	Carolina Tångemo, Heidelberg	
	<i>De novo formation of Golgi stacks after complete organelle removal</i>	
1740 - 1805	Bernard Moussian, Tübingen	
	<i>Shaping of the apical plasma membrane during cuticle differentiation in the Drosophila embryo</i>	
1805 - 1830	Guido Grossmann, Regensburg	
	<i>A shelter in the plasma membrane: microdomain formation linked to protein turnover</i>	
1600 - 1830	Minisymposium 16 - Cytoskeletal regulation	Gallieni 6
	Chairpersons: Marie-France Carlier, Gif-sur-Yvette and Jan Faix, Hannover	
1600 - 1630	Marie-France Carlier, Gif-sur-Yvette	
	<i>Spire, Cordon Bleu and other WH2 domains: multifunctional regulators of actin dynamics</i>	
1630 - 1700	Jan Faix, Hannover	
	<i>Clustering of VASP actively drives processive, WH2 domain-mediated actin filament elongation</i>	
1700 - 1730	Jonathan Howard, Dresden	
	<i>Regulation of microtubule dynamics by Kip3p, the yeast kinesin-8</i>	
1730 - 1800	Sven Bogdan, Münster	
	<i>Drosophila Cip4/Toca-1 couples actin dynamics with membrane dynamics in the wing epithelium</i>	
1800 - 1830	Melina Schuh, Heidelberg	
	<i>The meiotic spindle moves to the cortex of mouse oocytes by myosin-dependent pulling on a Formin-2-nucleated cytoplasmic actin network</i>	
1600 - 1830	Minisymposium 17 - Morphogenesis	Risso 6
	Chairpersons: Jennifer Zallen, New York and Jean Gruenberg, Geneva	
1600 - 1630	Jean Gruenberg, Geneva	
	<i>Endosome dynamics and biogenesis</i>	
1630 - 1700	Rodrigo Fernandez-Gonzalez, New York	
	<i>Mechanical properties of actomyosin cables during cell intercalation</i>	
1700 - 1730	Albert Pol, Barcelona	
	<i>Dynamic sorting of caveolins to lipid droplets: implications for liver regeneration</i>	
1730 - 1750	Emmanuel Caussinus, Basel	
	<i>Tip cell migration controls stalk cell intercalation during Drosophila tracheal tube elongation</i>	
1750 - 1810	Virginie Lecaudey, Heidelberg	
	<i>FGF signalling coordinates morphogenesis and collective cell migration in the zebrafish lateral line primordium</i>	
1810 - 1830	Jochen Rink, Salt Lake City	
	<i>β-catenin defines head-versus-tail identity during planarian regeneration and homeostasis</i>	
1600 - 1830	Minisymposium 18 - Epigenetics	Risso 7
	Chairpersons: Thomas Jenuwein, Vienna and Marcel Mechali, Montpellier	
1600 - 1630	Thomas Jenuwein, Vienna	
	<i>Epigenetic control by histone methylation</i>	
1630 - 1700	Marcel Mechali, Montpellier	
	<i>Programming DNA replication origins in relation to nuclear organization and gene expression</i>	
1700 - 1730	Edith Heard, Paris	
	<i>Nuclear and chromatin dynamics during X-chromosome inactivation</i>	
1730 - 1800	Jan Postberg, Witten	
	<i>Spatial and temporal plasticity of chromatin during programmed DNA-reorganization in Stylonychia macronuclear development</i>	
1800 - 1830	Heinz Neumann, Cambridge, UK	
	<i>Addition of acetyllysine to the genetic code of Escherichia coli</i>	

1600 - 1830	Minisymposium 19 - Cell biology of the immune system	Risso 8
	Chairpersons: Thomas Harder, Oxford and Miguel Alonso, Madrid	
1600 - 1630	Thomas Harder, Oxford	
	<i>The plasma membrane lipid bilayer as a fundament of the early T cell receptor signalling machinery</i>	
1630 - 1700	Miguel Alonso, Madrid	
	<i>MAL, a link between specialized cell surface targeting in the epithelial MDCK and Jurkat T cell paradigms</i>	
1700 - 1730	Andres Alcover, Paris	
	<i>Cytoskeletal crosstalk shapes signalling at the immunological synapse</i>	
1730 - 1800	Ronit Sagi-Eisenberg, Tel-Aviv	
	<i>Functional cooperation between the proteasome and the endocytic system in down regulating protein kinase C α</i>	
1800 - 1830	Eik Hoffmann, Heidelberg	
	<i>The phagocytic receptor programmes gene expression and phagosome functions in macrophages</i>	
1600 - 1830	Minisymposium 20 - Signalling in cancer	Erato
	Chairpersons: Catrin Pritchard, Leicester and Anne-Odile Hueber, Nice	
1600 - 1630	Catrin Pritchard, Leicester	
	<i>Investigating the role of the RAF proteins in cancer</i>	
1630 - 1700	Anne-Odile Hueber, Nice	
	<i>Versatile signalling by the multifunctional Fas receptor in cancer: importance of the protein/lipid interaction</i>	
1700 - 1730	Simon Cook, Cambridge UK	
	<i>Inhibiting the BRAF-MEK-ERK1/2 signalling pathway in tumour cells.</i>	
1730 - 1750	Antonio Sarikas, New York, NY	
	<i>The CUL7 E3 ubiquitin ligase targets insulin receptor substrate 1 (IRS-1) for degradation and is a novel regulator of cellular senescence</i>	
1750 - 1810	Jean-Paul Borg, Marseille	
	<i>Scrib regulates PAK activity during the cell migration process</i>	
1810 - 1830	Drorit Neumann, Tel-Aviv	
	<i>An NPVY insert in the erythropoietin receptor differentially affects receptor signaling</i>	
1600 - 1830	Minisymposium 21 - Computational biology	Thalia
	Chairpersons: Emmanouil Dermitzakis, Hinxton and Kay Hofmann, Cologne	
1600 - 1630	Emmanouil Dermitzakis, Hinxton	
	<i>Population genetics and genomics of human gene expression</i>	
1630 - 1700	Kay Hofmann, Cologne	
	<i>Elucidating disease gene function by integrated bioinformatics</i>	
1700 - 1730	Roderic Guigo, Barcelona	
	<i>Transcript complexity in the human genome</i>	
1730 - 1800	Vikram Alva Kullanja, Tübingen	
	<i>How did modern proteins originate?</i>	
1800 - 1830	Yana Vereshchaga, Stockholm	
	<i>Helix-helix interactions in cell membranes: from Monte Carlo towards In vivo experiment</i>	
1845	Closing remarks and poster awards presentation	Athena
	Sponsored by <i>Carl Zeiss MicroImaging GmbH and Nature</i>	