

Programme

Wednesday, March 29, 2006

- 12.00 Registration
- 14.00 **Opening and Carl Zeiss Lecture**
Jennifer Lippincott-Schwartz (Bethesda)
- 15.30 - 18.30 **Symposium 1 (S1)**
Vesicle and membrane fusion
Chair: Reinhard Jahn (Göttingen)
Thomas Suedhof (Dallas)
Leonid Chernomordik (Bethesda)
Marino Zerial (Dresden)
Christian Ungermann (Heidelberg)
Reinhard Jahn (Göttingen)
- 18.30 - 19.30 **Award Presentations**
- 20.00 **Get Together**

Thursday, March 30, 2006

- 9.00 - 12.00 **Symposia 2 and 3**
- Symposium 2 (S2): Protein folding and stability**
Chair: Thomas Langer (Cologne)
Rick Morimoto (Illinois)
Judith Frydman (Stanford)
Ineke Braakman (Utrecht)
Bernd Bukau (Heidelberg)
Thomas Langer (Cologne)
- Symposium 3 (S3): Molecular motors**
Chair: Dietmar Manstein (Hannover)
Folma Buss (Cambridge)
Michael A. Geeves (Kent)
Eckhard Mandelkow (Hamburg)
Kazuhiro Oiwa (Kobe)
Dietmar Manstein (Hannover)
- 12.30 - 15.30 **Poster Session I**
- 15.30 - 18.30 **Minisymposia 1 - 4**
- Minisymposium 1 (MS1): Nuclear actin and companions**
Chairs: Brigitte Jockusch (Braunschweig); Dirk Görlich (Heidelberg)
Piergiorgio Percipalle (Stockholm)
Richard Treisman (London)
Dirk Görlich (Heidelberg)
and 3 speakers selected from the abstracts
- Minisymposium 2 (MS2): Neuronal stem cells**
Chair: Martin Korte (Braunschweig)
Alain Barde (Basel)
Gerd Kempermann (Berlin)
Elizabeth Gould (Princeton)
and 3 speakers selected from the abstracts
- Minisymposium 3 (MS3): Lipid signaling, membrane traffic and organelle identity**
Chair: Peter Mayinger (Portland)
Tim Levine (London)

Angelika Hausser (Stuttgart)
Peter Mayinger (Portland)
and 3 speakers selected from the abstracts

Minisymposium 4 (MS4): Mitochondrial biogenesis and morphology
Chair: Ansgar Santel (Berlin)
Richard J. Youle (Bethesda)
Benedikt Westermann (Bayreuth)
Ansgar Santel (Berlin)
and 3 speakers selected from the abstracts

19.00

Tutorials

T1: Nikon GmbH - Life Cell Microscopy Imaging: Im Fokus, präparatschonend und Spectral Confocal

Michele Boiani (Max-Planck-Institut für Molekulare Biomedizin, Abteilung Zell- und Entwicklungsbiologie, Münster): Exploring the live mouse embryo by time-lapse cinemato-graphy and confocal microscopy

Klaus Nettesheim (Produktspezialist Bio-Science Imaging, Nikon GmbH Mikroskope, Düsseldorf): Perfect Fokussing System für Langzeitexperimente ohne Fokusdrift mit verschiedenen Imaging Methoden

T2: Leica Mikrosysteme Vertrieb GmbH

Martin Hoppe (Mannheim): Advances in Spectral Confocal and Widefield Fluorescence Microscopy

T3: BIOBASE GmbH - Cutting-edge Biology for Explaining Expression Data (Holger Karas, BIOBASE, Wolfenbüttel)

Edgar Wingender (BIOBASE Wolfenbüttel): Making Sense of Transcriptomics and Proteomics - New Frontiers of Integrative Biology

Jürgen Borlak (Fraunhofer Institute of Toxicology and Experimental Medicine, Center for Drug Research and Medical Biotechnology, Hannover): A Novel Computational Approach for the Prediction of Networked Transcription Factors of Ah-receptor Regulated Genes

Gerd Schmitz (Institute for Clinical Chemistry and Laboratory Medicine University Hospital Regensburg): Lessons from Gene Array Analysis of Pseudoxanthoma Elasticum. Revealing Key Components of Gene Regulation

Alexander Kel (BIOBASE Wolfenbüttel): Presentation of the ExPlain System

Friday, March 31, 2006

09.00 - 12.00

Symposia 4 and 5

Symposium 4 (S4): Endocytosis
Chair: Ernst Ungewickell (Hannover)
David G. Drubin (Berkeley)

	<p>Stefan Höning (Cologne) Lucas Pelkmans (Zurich) Gareth Griffiths (Heidelberg) Linton Traub (Pittsburgh)</p> <p>Symposium 5 (S5): Extracellular matrix Chair: Reinhard Fässler (Munich) David Critchley (Leicester) Eckhard Lammert (Dresden) Arnoud Sonnenberg (Amsterdam) Holger Gerhardt (London) Reinhard Fässler (Munich)</p>	<p>Minisymposium 6 (MS6): Nuclear envelope Chair: Georg Krohne (Würzburg) Josef Gotzmann (Vienna) Volker Cordes (Heidelberg) Georg Krohne (Würzburg) and 3 speakers selected from the abstracts</p> <p>Minisymposium 7 (MS7): Cellular mechanisms of metastasis Chair: Thomas Magin (Bonn) Heiko Hermeking (Munich) John G. Collard (Amsterdam) Sibylle Mittnacht (London) and 3 speakers selected from the abstracts</p> <p>Minisymposium 8 (MS8): Molecular nanoimaging Chair: Christoph Cremer (Heidelberg) Ana Pombo (London) Stefan Hell (Göttingen) Christoph Cremer (Heidelberg) and 3 speakers selected from the abstracts</p>
12.30 - 15.30	Poster Session II	
14.00 - 15.00	Tutorials	
	<p>T4: IBA GmbH – Magnet Assisted Transfection Joachim Bertram (IBA GmbH): MATra – Magnet Assisted Transfection, a smooth particle bombardment to enhance intracellular delivery N.N.: Use of MATra technology for the transfection of nucleic acids into eucaryotic cells</p> <p>T5: Carl Zeiss MicroImaging GmbH Thorsten Küs (Carl Zeiss): Die Welt der 3D Mikroskopie Olaf Selchow (Universität Stuttgart): Fast Imaging in der Weitfeldmikroskopie – Neue Entwicklungen für die hoch sensitive Untersuchung schneller dynamischer Prozesse in lebenden Proben Almut Kiesslich (Carl Zeiss): Konfokale Mikroskopie mit dem LSM 5 DuoScan und LSM 5 DUO – ultraschnell und hochflexibel</p> <p>T6: BIACORE AB Wolfgang Jäger (Biacore AB): Advances in Real-time Protein Binding Studies and Protein Arrays</p>	<p>18.45 – 19.45 DGZ Member Meeting</p> <p>Saturday, April 1, 2006</p> <p>08.30 - 11.30 Symposium 6 (S6): Cell migration Chair: Doris Wedlich (Karlsruhe) Rolf Kemler (Freiburg) Kozo Kaibuchi (Nagoy) Maryse Bailly (London) Thomas Brabletz (Erlangen) Doris Wedlich (Karlsruhe)</p> <p>12.30 - 15.30 Minisymposia 9 and 10 Minisymposium 9 (MS9): Host cell / pathogen interaction Chair: Christof Hauck (Würzburg) Erich Gulbins (Essen) Steffen Backert (Magdeburg) Christoph Dehio (Basel) and 3 speakers selected from the abstracts</p> <p>Minisymposium 10 (MS10): Microtubule dynamics and tip complexes Chair: Jürgen Wehland (Braunschweig) Niels Galjart (Rotterdam) Damian Brunner (Heidelberg) Orly Reiner (Rehovot) and 3 speakers selected from the abstracts</p>
15.30 - 18.30	<p>Minisymposia 5 – 8</p> <p>Minisymposium 5 (MS5): Cell cycle checkpoints and regulation Chair: Ingrid Hoffmann (Heidelberg) Oliver Gruss (Heidelberg) Jonathan Pines (Cambridge) Ingrid Hoffmann (Heidelberg) and 3 speakers selected from the abstracts</p>	

DGZ–Mitgliederversammlung 2006

Die Mitgliederversammlung im Rahmen der Jahrestagung in Braunschweig findet am Freitag, 31. März, um 18.45 Uhr in Seminarraum SN 19.2 statt und wir möchten alle Mitglieder nochmals herzlich einladen, an dieser Veranstaltung teilzunehmen.

Die Tagesordnung sieht folgende Punkte vor:

1. Bestätigung des Protokolls der letzten Mitgliederversammlung
2. Jahresbericht der Präsidentin
3. Geschäfts- und Kassenbericht
4. Bericht der Kassenprüfer
5. Entlastung des Vorstandes
6. DGZ-Wahlen (Vorstand, Beirat, Kassenprüfer, Preisjury)
7. Verschiedenes

Der Vorstand der DGZ bittet alle Mitglieder um Einreichung von Themenvorschlägen für die Jahrestagung 2007. Zur Information finden Sie hier eine Themenliste der bisherigen Jahrestagungen 2001–2006:

- Advanced microscopical methods in cell biology (2005)
- Angiogenesis (2005)
- Apoptosis (2005)
- Cajal bodies: the first 100 years (2001)
- Cell adhesion and migration (2003)
- Cell and organismal polarity (2003)
- Cell biology of neurodegeneration (2005)
- Cell-cell interactions in development (2001)
- Cell contact-mediated signal transduction (2003)
- Cell cycle checkpoints and regulation (2006)
- Cell cycle regulation (2004)
- Cell death in development (2003)
- Cell division (2001)
- Cell migration (2006)
- Cellular aspects of development (2001)
- Cellular aspects of infectious diseases (2001)
- Cellular basis of embryonic patterning (2003)
- Cellular mechanisms of metastasis (2006)
- Chemotaxis and cell polarity (2005)
- Chromosome architecture (2001)
- Chromosomes/Chromatin (2005)
- Cytoskeletal dynamics (2003, 2004)
- Cytoskeleton and motors (2001)
- Dissection of the retinoid signalling pathways through spatio-temporally controlled somatic mutagenesis in the mouse (2001)
- Drosophila as a model organism for cell signaling (2004)
- Dual compartment proteins in cell and tissue (2003)
- Endocytosis (2006)
- ER/Membranes (2005)
- Exocytosis and secretion (2001)
- Extracellular matrix (2006)
- Extracellular matrix and cell-to-cell communication in photosynthetic eukaryotes (2001)
- G-protein coupled receptors (2004)
- Germ cells and stem cells (2001)
- Hematopoiesis (2004)
- Host cell / pathogen interaction (2006)
- Imaging (2004)
- Imaging cells (2001)
- Intermediate filaments: Differential expression and new functions in tissue development (2003)
- Intermediate filaments in development and disease (2005)
- Lipid rafts - what are they good for? (2001)
- Lipid signaling, membrane traffic and organelle identity (2006)
- Membranes, microdomains and cell signalling (2001)
- Microtubule dynamics and tip complexes (2006)
- Microtubule organization in plant and animal cells (2004)
- Mitochondrial biogenesis and morphology (2006)
- Molecular control of heart and skeletal muscle development (2003)
- Molecular motors (2006)
- Molecular nanoimaging (2006)
- Molecular topogenesis (2001)
- Multifunctional strands in tight junctions (2001)
- Neuronal development (2004)
- Neuronal stem cells (2006)
- New developments in proteomics (2004)
- New insights into the functional roles of the nucleolus (2004)
- Nuclear actin (2006)
- Nuclear architecture and chromatin remodelling (2004)
- Nuclear envelope (2006)
- Nuclear transport (2005)
- Protein folding and stability (2006)
- Regeneration, stem cells and brain development (2003)
- Ribonucleoproteins and nuclear transport (2001)
- RNAi and aptamers (2003)
- Signal transduction (2004)
- Signalling and tumorigenesis (2005)
- Small RNAs (2005)
- Stem cells (2004, 2005)
- SUMO/Ubiquitin (2005)
- The cell in contact (2005)
- Trafficking (membrane dynamics and trafficking) (2003)
- Transcriptomes and cellular programs (2001)
- Vesicle and membrane fusion (2006)
- Vesicular trafficking (2004)