

## Program Fellows Meeting 2005



**Venue:** Harnack-Haus  
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[www.harnackhaus-berlin.mpg.de](http://www.harnackhaus-berlin.mpg.de)

**Date:** June 22 – 24, 2005

### **Wednesday, June 22, 2005**

**Venue of sessions: Goethesaal**

12:00 – 14:00 Arrival, check in, surrender of posters,  
lunch will be provided

14:00 Welcome  
Monika Lessl  
Ernst Schering Foundation, Berlin, Germany

#### **Session I Oncology / Signal Transduction**

**Chairs: Dominik Mumberg**  
Oncology Research, Schering AG,  
Berlin, Germany  
**Klaus Elenius**  
Dept. of Medical Biochemistry and Molecular  
Biology, University of Turku, Finland

14:15 Introduction and keynote  
Klaus Elenius

14:45 Presentation of endogenous viral and  
tumor antigens on MHC class II via  
autophagy  
Dorothee Schmid  
Laboratory of Viral Immunobiology,  
Rockefeller University, New York, USA

15:00 Loss of the Intracellular Tyrosine  
Kinase Brk (SIK/PTK6) Confers  
Intestinal Epithelial Resistance to  
Apoptosis  
Andrea Hägebarth  
University of Illinois, Dept. of Biochemistry &  
Mol. Genetics, Chicago, USA

15:15 Dissecting Ras associated signal  
transduction pathways implicated  
in tumor development *in vivo*  
Matthias Drosten  
Centro Nacional de Investigaciones  
Oncológicas, Madrid, Spain

15:30 Mechanisms underlying the  
glucocorticoid interference with the  
MAPK pathways  
Marta Nicolás Farrès  
Dept. of Biochemistry and Mol. Biology,  
School of Pharmacy, Barcelona, Spain

15:45 Break

<b>Session II Endocrinology / Neuroscience</b>		<b>Chairs: Daniela Hornung</b> Universitäts-Frauenklinik Lübeck, Germany <b>Annette Schenck</b> Max-Planck-Institute for Molecular Cell Biology and Genetics, Dresden, Germany
16:00	Introduction and keynote	Daniela Hornung
16:30	Dendritic cells (DCs) in early pregnancy maintenance: Regulatory functions, induction of tolerance and therapeutic implications	Sandra Maria Blois Biomedizinisches Forschungszentrum, Charité, Berlin, Germany
16:45	Repression of Human Androgen Receptor (AR) by Corepressors and New Strategies of AR Inhibition in Prostate Cancer using Peptide Aptamers	Christina Reeb AG Molekulargenetik, Institut für Humangenetik und Anthropologie, Jena, Germany
17:00	A novel strategy to identify targets for the treatment of Alzheimer's Disease	Florian Plattner Institute for Biomedical Research, University College London, UK
17:15	Assessment of sensorimotor performance, cortical organization and brain plasticity during aging: Investigation of "every-day-competence" in elderly humans and possible rehabilitative measures	Tobias Kalisch Ruhr-Universität Bochum, Institut für Neuroinformatik, Germany
17:30	Reciprocal interactions between $\alpha$ -synuclein and the proteasome	Melanie Dyllick-Brenzinger Centre for Research in Neurodegenerative Diseases, Toronto, Canada
<b>18:00</b>	<b>Postersession</b>	<b>Venue: Wintergarten</b>
19:00	Presentation of the Fellows' Network	Monika Lessl
19:30	Dinner	
20:30	Postersession (continued)	

**Thursday, June 23, 2005****Session III Chemistry / Bioinformatics****Chairs: Dirk Trauner**

Dept. of Chemistry, University of California, USA

**Hans-Dieter Pohlenz**Dept. of Genomics / Bioinformatics, Schering AG,  
Berlin, Germany

09:00	Introduction and keynote	Dirk Trauner
09:30	Towards nanosized biochips by applying decorated [2 × 2] grid assemblies carrying functional groups for dynamic combinatorial chemistry and of biological nature	Patrick Tielmann Boehringer Ingelheim, Kombinatorische Chemie, Biberach, Germany
09:45	A new biomimetic modular approach for the synthesis of GKK1032A	Hermann A. Wegner The Dyson Perrins Laboratory, University of Oxford, UK
10:00	Towards the Total Synthesis of Amphidinolid H2	Ulrike Jannsen Institut für Organische Chemie, Universität Hannover, Germany
10:15	Break	
10:45	Probing molecular docking in a charged model binding site	Ruth Brenk Dept. of Molecular Pharmacology and Biological Chemistry, Northwestern University Medical School, University of California, San Francisco, USA
11:00	Multiple alignment of genomic structures	Michael Sammeth Genome Bioinformatics Laboratory GRIB – IMIM/UPF/CRG, Barcelona, Spain
11:15	<b>Lecture:</b> „Die Deutsche Schülerakademie“	Volker Brandt, Inga Kirsten, Verena Schmidt Deutsche Schüler Akademie, Bonn, Germany

12:00 Lunch

**Workshop: „Science and the General Public“****Organizers: Christiane Berger-Schaffitzel,  
Inken Rebentrost, Wolfram Antonin,  
Max Löhning**

13:30	Public understanding of science	Petra Pansegrau University of Bielefeld, Germany
14:00	Vermittlung von Wissenschaft an Laien	Christian Unger „Gläsernes Labor“, Berlin, Germany
14:20	Wissenschaft und Politik	Stephan Roesler Bundesministerium für Bildung und Forschung, Berlin, Germany
14:40	Public relations in pharmaceutical industry	Christof Ehrhart Corporate Communication Schering AG, Berlin, Germany

15:00	Break	
15:30	Discussions in working groups	
16:30	Final discussion (Plenum)	<b>Venue: Room 1 (opposite of Goethe-Saal)</b>

18:00 Dinner

	<b>Lecture</b>	<b>Venue: Room 1</b>	<b>Chair: Ilona Muráti-Laebe</b> Member of the Board of Directors, Ernst Schering Foundation
19:30	<b>„Alternate Endings“</b>		Susanne Weirich Artist, Academy of Arts Hamburg, Germany

## **Friday, June 24, 2005**

09:00          Wrapup of the results of the workshop      Organizers: Christiane Berger-Schaffitzel, Inken Rebentrost, Wolfram Antonin, Max Löhning

09:15          **Lecture:**  
Public understanding of science -  
Initiatives and success                      Volker Meyer-Guckel  
Vice Secretary General of the Donor's  
Association for the Promotion of Sciences  
and Humanities in Germany, Essen

### **Session IV Cell Biology**

**Chair: Monika Lessl**

10:00          Introduction and keynote                      Andreas Mayer  
Université de Lausanne, Département de  
Biochimie, Epalinges, Switzerland

### **Cell Biology**

**Chair: Andreas Mayer**

10:30          Nuclear envelope formation: The cross  
talk between the pore and the  
membrane                                      Wolfram Antonin  
European Molecular Biology Laboratory,  
Heidelberg, Germany

10:45          Cell polarity in the early *C. elegans*  
embryo    Carsten Höge  
MPI for Molecular Cell Biology and Genetics,  
Dresden, Germany

11:00          Break

11:30          Nuclear reprogramming using  
*Xenopus laevis* oocytes                      Mathias Pawlak  
Whitehead Institute for Biomedical Research,  
Cambridge, MA, USA

11:45          Molecular Organization of the Human  
Centromere                                      Björn Fritz  
Gene Expression Programme, European  
Molecular Biology Laboratory, Heidelberg,  
Germany

12:00          **Lecture:**  
Safety, innovation and challenges of  
drug development                              Günter Stock  
Executive Board of Schering AG, Berlin,  
Germany

13:00          Closing remarks                                      Monika Lessl

13:15          Lunch

**– End of Meeting –**