

Wednesday, February 17, 2010

14:00 Welcome Address

1st Session: "Make it"

Chair: Thomas Langer

14:10 - 14:45 **Ulrich Hartl**, Max Planck Institute of Biochemistry, Martinsried, Germany
"Chaperone-assisted protein folding in health and disease"

14:45 - 15:20 **Helen Saibil**, Birkbeck College, University of London, UK
"Yeast prions and an AAA+ machine for reversing protein aggregation"

15:20 - 15:55 **Jörg Höhfeld**, Institute for Cell Biology, RFW-Universität Bonn
"Brain and muscle proteostasis - two cases for CASA"

15:55 - 16:25 Coffee break

Chair: Jürgen Dohmen

16:25 - 17:00 **Mark S. Hipp**, Stanford University, Stanford, USA
"Proteostasis and the ubiquitin proteasome system in neurodegenerative disease"

17:00 - 17:35 **Rachel Green**, Johns Hopkins University, Baltimore, USA
"Quality control on the ribosome during translation"

17:35 - 18:10 **Katharina Strub**, Université de Genève, Geneva, Switzerland
"Protein targeting to the endoplasmic reticulum"

End of Session

18:30 Open Spring Meeting Reception at the Institute for Genetics

Thursday February 18, 2010

2nd Session: "Guide it"

Chair: Jonathan Howard

Keynote Lecture:
9:00 - 09:35 **Peter Walter**, University of California, San Francisco, USA
"Unfolded protein response in health and disease"

9:35 - 10:10 **Catherine Jackson**, Centre National de la Recherche Scientifique, Gif sur Yvette, France
"Arf1 regulation of membrane traffic in the early secretory pathway"

10:10 - 10:45 **Luca Scorrano**, Université de Genève, Geneva, Switzerland
"Size matters! Mitochondrial elongation in macroautophagy"

10:45 - 11:15 Coffee break

Chair: Marc Bramkamp

11:15 - 11:50 **Jodi Nunnari**, University of California, Davis, USA
"Mechanistic analysis of mitochondrial division and fusion"

11:50 - 12:25 **Suzanne Pfeffer**, Stanford University School of Medicine, Stanford, USA
"Small GTPase regulation of receptor trafficking"

12:25 - 14:00 Lunch break

Chair: Maria Leptin

14:00 - 14:35 **Jennifer Lippincott-Schwartz**, National Institutes of Health, Bethesda, USA
"Mitochondrial role in cell cycle control and autophagy"

14:35 - 15:10 **Scott Emr**, Cornell University, Ithaca, USA
"Receptor Endocytosis and Down-Regulation: a role for ESCRT and ART protein complexes"

15:10 - 15:45 **Harvey McMahon**, MRC Laboratory of Molecular Biology, Cambridge, UK
"Sculpting Cell Membranes: Understanding pathways of endocytosis and exocytosis"

15:45 - 16:20 Coffee break

Chair: Günter Schwarz

16:20 - 16:55 **Jenny E. Hinshaw**, The National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, USA
"The role of dynamins in membrane remodeling"

16:55 - 17:30 **Gerrit Praefcke**, Institute for Genetics/ Center for Molecular Medicine University of Cologne
"Lipid modification and membrane targeting of the human guanylate binding protein 1"

17:30 - 18:05 **Jan-Michael Peters**, Research Institute of Molecular Pathology, Vienna, Austria
"Regulation of the anaphase promoting complex by the spindle assembly checkpoint"

End of Session

Friday, February 19, 2010

3rd Session: "Break it"

Chair: Jane Parker

9:00 - 09:35 **Xinnian Dong**, Duke University, Durham, USA
"Signal transduction in plant immune responses"

9:35 - 10:10 **Wolfgang Baumeister**, Max Planck Institute of Biochemistry, Martinsried, Germany
"Cryo-electron microscopy: from molecules to systems"

10:10 - 10:45 **Mark Hochstrasser**, Yale University, New Haven, USA
"Chaperone-assisted proteasome assembly in vivo"

10:45 - 11:15 Coffee break

Chair: Ute Höcker

11:15 - 11:50 **Robert Sauer**, Massachusetts Institute of Technology, Cambridge, USA
"Machines of protein destruction"

11:50 - 12:25 **Ivan Dikic**, Goethe University, Frankfurt, Germany
"Ubiquitin and autophagy networks"

12:25 - 14:00 Lunch break

Chair: Manolis Pasparakis

14:00 - 14:35 **Judith Frydman**, Stanford University, Stanford, USA
"Protein Homeostasis in the eukaryotic cytosol: the role of molecular chaperones"

14:35 - 15:10 **Bernd Bukau**, University of Heidelberg, Heidelberg, Germany
"Chaperone-assisted protein folding in the cytosol"

15:10 - 15:45 **Thorsten Hoppe**, Institute for Genetics, University of Cologne
"Ubiquitin chain editing links proteostasis to longevity"

End of Meeting

SFB 635

Posttranslational control
of protein function

www.sfb635.uni-koeln.de

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Contact

Speakers

Links to the speaker's homepages are available on the web site:

www.genetik.uni-koeln.de/spring2010

Organizers

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General Information

Venue

Physics Institute
University of Cologne
Zùlpicher Strasse 77
50937 Köln

WLAN access:

Uni Koeln-WEB
account name: [spring-guest](#) / password: [sfb635](#)

Industrial Exhibition

Meeting attendees are invited to visit the exhibition in the foyer of the Physics Institute during the following times:

Wednesday, February 17, 2010: 14:00 - 19:00 Uhr
Thursday, February 18, 2010: 9:00 - 19:00 Uhr
Friday, February 19, 2010: 9:00 - 16:00 Uhr

We thank Service Systems, Dreieich, (mail@sersys.de) for organizing the industrial exhibition.

Certificate of attendance

Certificates of attendance are issued at the Meeting Office.

Lunch and Dinner

A number of restaurants, pubs and bistros are located up and down Zùlpicher Strasse. All these places are within walking distance of 5 - 10 minutes.

Sponsors

The organizers appreciate financial support for this meeting by the following institutions:

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Fonds der Chemischen Industrie



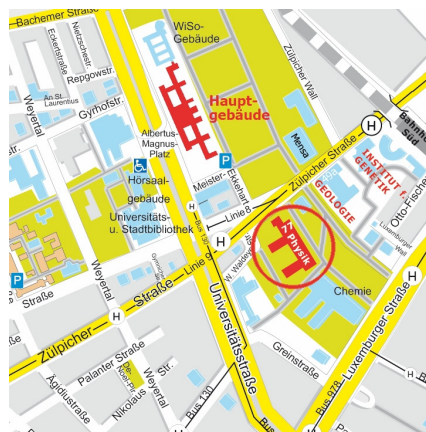
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How to get to the meeting by public transport:

Tram number 9, station "Universität" (Zùlpicher Straße)
Tram number 18, station "Eifelwall" (Luxemburger Straße)

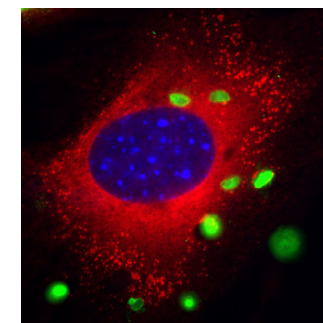


Cologne Spring Meeting 2010

International Symposium of the SFB 635

Protein homeostasis: make it, guide it and break it

February 17 - 19, 2010



Venue:
Institute of Physics
University of Cologne
Zùlpicher Straße 77
50937 Cologne

Free Admission - no registration required.

Organizers:
J. Dohmen, T. Langer and M. Leptin,
Institute for Genetics, University of Cologne

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