

1st Cologne Symposium on „Cellular Stress Responses in Aging and Aging-associated Diseases“

Venue: Hörsaal ground floor
Institute for Genetics, University of Cologne
Zülpicher Str. 47
50674 Cologne

Thursday,
February 7, 2008

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| 08:00 – 08:30 | Jens Brüning, University of Cologne
Opening remarks |
| 08:30 – 09:00 | Aleksandra Trifunovic, Karolinska Institutet, Stockholm, Sweden
“Molecular Mechanisms of Ageing caused by Mitochondrial Dysfunction” |
| 09:00 – 09:30 | Peter Mayinger, Oregon Health & Science University, Portland, USA
„A novel lipid-based mechanism that coordinates cell growth and secretion” |
| 09:30 – 10:00 | Sascha Martens, MRC Laboratory of Molecular Biology, Cambridge, UK
“On the role of synaptotagmin during synaptic vesicle exocytosis” |
| 10:00 – 10:30 | <i>Break</i> |
| 10:30 – 11:00 | Thorsten Hoppe, ZMNH, University of Hamburg, Germany
“Protein Degradation in Development and Aging” |
| 11:00 – 11:30 | Hemmo Meyer, Institute of Biochemistry, ETH Zurich, Switzerland
“The VCP/p97 ubiquitin-dependent chaperone system in mitosis and cellular maintenance” |
| 11:30 – 12:00 | Björn Schumacher, Erasmus Medical Center, Rotterdam, The Netherlands
“DNA damage in aging and cancer” |
| 12:00 – 12:30 | Alexandra Sobeck, Oregon Health & Science University, Portland, USA
“A leap towards understanding genomic integrity: <i>Xenopus laevis</i> as a new model to decipher the Fanconi Anemia/BRCA caretaker pathway” |
| 18:00 | Opening celebration for CECAD |

**Friday,
February 8, 2008**

- 08:00 – 08:30 Stefan Herzig, DKFZ Heidelberg, Germany
“Transcriptional control of metabolism in aging-associated diseases”
- 08:30 – 09:00 Christian Wolfrum, Institute of Molecular Systems Biology, ETH
Zurich, Switzerland
„Adipocyte Differentiation and Metabolic Functions in Obesity and
Type 2 Diabetes”
- 09:00 – 09:30 Mirka Uhlirova, University of Rochester, USA
“Drosophila as a cancer model”
- 09:30 – 10:00 Jörg Großhans, ZMBH Heidelberg, Germany
“Morphogenesis and ageing in Drosophila
- 10:00 – 10:30 *Break*
- 10:30 – 11:00 Lawrence Rajendran, Max-Planck-Institute for Molecular Cell Biology
and Genetics, Dresden, Germany
“Systems and Cell biology approaches to study Neurodegeneration”
- 11:00 – 11:30 Ulrich Rass, Cancer Research, UK
“Aprataxin's role in DNA repair and neurodegeneration”
- 11:30 – 12:00 Uwe Kornak, Charité Berlin, Germany
“Homeostasis and age-related changes of connective tissues”
- 12:00 – 12:30 Ramin Massoumi, Malmö University Hospital, Sweden
“The role of CYLD in growth inhibition of tumor cells”

**Saturday,
February 9, 2008**

- 09:00 – 09:30 Kay Hofmann, Miltenyi Biotec GmbH, Cologne
„ Novel approaches to the molecular basis of degenerative diseases”
- 09:30 – 10:00 Dirk Bohmann, University of Rochester, USA
“Stress Responsive Signal Transduction and the Control of
Longevity”