



GRK 1478 Program „Structure and Function of Membrane Proteins“

Thursday, September 24th, 2009

- 12:00 – 1:30 pm Registration
Lunch (Cafeteria/HS Zoologie, Hauptstr. 1, 79104 Freiburg)
- 1:30 – 1:35 pm Opening remarks
- 1:35 – 2:30 pm **Chair: Prof. Dr. M. Müller, Freiburg**
Prof. Dr. V. Braun
(Max-Planck-Institute for Developmental Biology, Tübingen)
„Energy-coupled transport across the outer membrane of bacteria“
- 2:30 – 2:50 pm **Mélissa Hannauer** (Group Prof. Schalk, Strasbourg)
„The fate of ferripyoverdine and ferrichrome after transport across the outer membrane in *Pseudomonas aeruginosa*“
- 2:50 – 3:10 pm **Karolina Langowska** (Group Prof. Meier, Basel)
„Membrane proteins as gates to reactions inside nanocontainers“
- 3:10 – 3:30 pm **Andreas Beck** (Group Prof. Seelig, Basel)
„Unravelling the substrate specificity of a new ABC-transporter SAV1866“
- 3:30 – 4:00 pm *Coffee break*
- 4:00 – 4:55 pm **Chair: Prof. Dr. D. Schneider, Freiburg**
Prof. Dr. L. Scorrano (University of Geneva, Switzerland)
„Extending the functions of mitochondria-shaping proteins“
- 4:55 – 5:15 pm **Nora Vögtle** (Group Prof. Meisinger, Freiburg)
„Global Analysis of the Mitochondrial N-Proteome identifies a protease in the inner membrane critical for protein stability“
- 5:15 – 5:35 pm **Päivi Äänismaa** (Group Prof. Seelig, Basel)
„Monitoring ATPase activity of and transport by P-glycoprotein“
- 5:35 – 6:45 pm *Dinner (in the Cafeteria)*
- 6:45 – 7:45 pm **Chair: Prof. Dr. O. Einsle, Freiburg**
Prof. Dr. G. von Heijne (Stockholm University, Sweden)
„The 'molecular code' for membrane protein insertion into the ER“
- 7:45 pm Casual discussion time with refreshments at the Cafeteria

Friday, September 25th, 2009

- 9:00 – 9:55 am **Chair: Prof. Dr. I. Schalk, Strasbourg**
Prof. Dr. E. Pebay-Peyroula
(Joseph Fourier University of Grenoble, France)
„Structural studies of mitochondrial carriers: an insight at ADP/ATP transport“
- 9:55 – 10:15 am **Miriam Kaufenstein** (Group Prof. Graumann, Freiburg)
„Assembly of the DNA uptake machinery in competent *Bacillus subtilis* cells“
- 10:15 – 10:35 am **Meike Wenk** (Group Prof. Koch, Freiburg)
„Depletion of the bacterial SRP receptor inactivates ribosomes in *E. coli*“
- 10:35 – 11:05 am *Coffee break*
- 11:05 – 12:00 am **Chair: Prof. Dr. B. Bechinger, Strasbourg**
Dr. K. Zeth (MPI Tübingen, Germany)
„Structures of Mitochondrial Outer Membrane Proteins – Common Architectures and Evolutionary Relationships“
- 12:00 – 12:20 pm **Florian Cymer** (Group Prof. Schneider, Freiburg)
„In vivo oligomerization and function of membrane proteins“
- 12:20 – 12:40 pm **Thomas Spatzal** (Group Prof. Einsle, Freiburg)
„Site-directed spin labeling of the respiratory complex I“
- 12:40 – 12:45 pm Closing remarks
- 12:45 – 2:00 pm *Lunch*