Seminar-Day

- October 17, 2013 -

Venue: Institute for Genetics,
Zülpicher Straße 47a, lecture hall, 4th floor

sfb 635
posttranslational control of protein function

Lipid-membranes: more than barriers?

ATP- and GTP-dependent membrane processes

Session 1: ***GTP-binding proteins as molecular switches to integrate and regulate cellular signaling***

09:30 – 09:35 Welcome

09:35 – 10:20 **Oliver Rocks, Max-Delbrück-Center for Molecular Medicine, Berlin**
Ras and Rho GTPase signaling in space and time

10:20 – 11:05 **Shehab Ismail, MPI for Molecular Physiology, Dortmund**
PDEδ: A GDI-like solubilising factor (GSF) for the transport of farnesylated protein cargo

11:05 – 11:50 **Rainer Hedrich, University of Würzburg, Julius-von-Sachs-Institute for Biosciences**
On the molecular mechanism of movement in plants

11:50 – 13:00 Lunch break

Session 2: ***Post-translational lysine-acetylation as a major regulator of protein function***

13:00 – 13:45 **Chuna Ram Choudhary, University of Copenhagen, The Novo Nordisk Foundation Center for Protein Research**
Quantitative proteomic analysis of acetylation and ubiquitylation

13:45 – 14:30 **Michael Lammers, University of Cologne, Institute for Genetics**
RhoGDIα: A Rho-regulator modified by post-translational lysine acetylation

14:30 – 14:50 Coffee break

Session 3: ***GTP- and ATP-binding proteins in intracellular immunity***

14:50 – 15:35 **Leo James, MRC Laboratory of Molecular Biology, Cambridge/UK**
Role of the AAA ATPase VCP/p97 in viral infection

15:35 – 16:20 **Christian Herrmann, Ruhr-University Bochum, Physical Chemistry I, Protein interactions**
Impact of farnesylation on hGBP1 function

16:20 Closing address, departure