

SFB 635

Posttranslational control
of protein function

Annual Symposium of SFB 635

March 25 - 26, 2010

Große Ledder, Wermelskirchen



MAX-PLANCK-GESELLSCHAFT



universität  **bonn**

Thursday, March 25, 2010

09:55 - 10:00 Welcome

chair: Günter Schwarz

10:00 - 10:25 **Stefan Höning**, Institute of Biochemistry I (A 3)
Regulation of membrane binding of the clathrin adaptor AP2

10:25 - 10:50 **Julia Fres**, Institute for Genetics & ZMMK (A 4)
Lipid modification of human guanylate-binding protein 1

10:50 - 11:15 **Nina Leuschen**, Institute for Genetics (A 6)
Identification of IRS1 interactors via tandem affinity purification

11:15 - 11:45 Discussions with Coffee

chair: Martin Hülskamp

11:45 - 12:10 **Günter Schwarz**, Institute for Biochemistry (A 5)
Kinetic studies on 14-3-3 inhibited plant nitrate reductase: Mechanism of post-translation control of nitrate assimilation

12:10 - 12:35 **Femke De Jong**, MPI for Plant Breeding Research (C 3)
Identification of subunits and transcription regulatory functions of the Arabidopsis PRL1-CDC5-PRP19 spliceosome-activating complex

12:35 - 14:00 Lunch

chair: Stefan Höning

14:00 - 14:25 **Maria Leptin**, Institute for Genetics (A 7)
A novel phosphotyrosine motif in an FGF signaling adapter

14:25 - 14:50 **Paul Brinkkötter**, Nephrolab Cologne (A 8)
Mechanosensation at the slit diaphragm

14:50 - 17:00 **Poster Session**

17:00 - 17:25 Discussions with Coffee

chair: Jörg Höfeld

17:25 - 17:50 **Ulrike Resch**, Institute for Genetics (B 1)
In-vivo proteomics of the IKK-complex- an update

17:50 - 18:15 **Tobias Steinfeldt**, Institute for Genetics (B 2)
Phosphorylation of IRG proteins is an immune evasion strategy for virulent T. gondii strains in infected mouse cells

18:15 - 19:00 General Meeting

19:00 **Dinner**

Friday, March 26, 2010

7:00 - 09:00 Breakfast

chair: Gerrit Praefcke

09:00 - 09:25 **Johannes Stuttmann**, MPI for Plant Breeding Research (B 4)

The co-chaperones SGT1 and RAR1 in plant innate immunity

09:25 - 09:50 **Niko Dick**, Institute for Cell Biology/University of Bonn (B 5)

Chaperone-assisted selective autophagy is essential for muscle maintenance

09:50 - 10:15 **Jürgen Dohmen**, Institute for Genetics (C 1)

Proteolytic control of sumoylated proteins and SUMO recycling

10:15 - 10:45 Discussions with Coffee

chair: Bernhard Schermer

10:45 - 11:10 **Christoph Potting**, Institute for Genetics (C 4)

Regulation of mitochondrial phospholipid levels in S. cerevisiae

11:10 - 11:35 **Kay Marin**, Institute for Biochemistry (C 5)

Osmoregulation in the cyanobacterium Synechocystis

11:35 - 12:00 **Inga Wadenpohl**, Institute for Biochemistry (C 6)

Assembly and disassembly of the bacterial divisome

12:00 - 14:30 Lunch, afterwards off time

chair: Jane Parker

14:30 - 14:55 **Florian Hessner u. Stefanie Herberth**, Botanical Institute (A 2)

Arabidopsis, ESCRT and beyond

14:55 - 15:20 **Nabil Elrouby**, MPI for Plant Breeding Research (A 1)

Protein SUMOylation and flowering time control in Arabidopsis

15:20 - 15:45 **Ute Höcker**, Botanical Institute (C 2)

Function of the E3 ubiquitin ligase COP1/SPA in light-controlled plant development

15:45 Closing notes

End of Meeting

Location

Bayer Gastronomie
Seminar & Freizeithotel Grosse Ledder
42929 Wermelskirchen, *Ortsteil Stumpf*
Tel.: 02 193 / 220
Fax: 02 193 / 22222
Web: http://www.bayer-gastronomie.de/de/hotel-grosse_ledder.html

Seminar house: Konventhaus

