

Final Programme

Wednesday, Oct 10th, 2007

Arrival at Schloß Waldthausen; Registration

18:30

Dinner

20:00

Opening event: Concert at Schloß Waldthausen,
piano trio „Trio con brio“

22:00

Get-together in the “Turm”

Thursday, Oct 11th, 2007

- 8:00 Breakfast
- 9:15 **Symposium 1:**
PCH proteins in actin cytoskeleton regulation
Chair: Pontus Aspenström, Uppsala, Sweden
Werner Müller-Esterl, Frankfurt, Germany
- 9:20 - 9:45 Britta Qualmann, Magdeburg, Germany
"Shaping membranes - roles for cytoskeletal dynamics in vesicle formation and morphology control"
- 9:50 - 10:15 Pontus Aspenström, Uppsala, Sweden
"The function of CIP4-like proteins"
- 10:20 - 10:45 Giorgio Scita, Milan, Italy
"Dissecting the role of Toca family members from C. elegans to mammalian cells"
- 10:50 **Poster Session I** and Coffee Break
- 11:45 **Symposium 1 continued**
- 11:45 - 12:10 Sven Bogdan, Münster, Germany
"Drosophila Cip4/Toca-1 genetically interacts with WAVE to couple membrane dynamics with the actin cytoskeleton"
- 12:15 - 12:40 Sean Hartig, Houston, USA
"CIP4 feedback control and attenuation of actin dynamics and vesicular traffic"
- 13:00 Lunch

- 14:00** **Poster session I continued**
- 15:00** **Symposium 2:**
PCH proteins in vesicular trafficking
Chair: Britta Qualmann, Magdeburg, Germany
- 15:05 - 15:30** Ann Siehoff-Icking, Frankfurt, Germany
"NOSTRIN - adaptor protein involved in trafficking of endothelial NO synthase"
- 15:35 - 16:00** Markus Plomann, Cologne, Germany
"Role of PACSIN proteins in receptor regulation"
- 16:05 - 16:30** Mani Ramaswami, Dublin, Ireland
"Distinct roles for F-BAR proteins in membrane tubulation and vesicle formation are suggested by studies of Syndapin function in vivo."
- 16:35** Coffee break
- 17:00** **Keynote lecture**

Chair: Markus Plomann, Cologne, Germany

Harvey McMahon, Cambridge, UK
"Sculpting cell membranes with BAR superfamily members"
- 18:30** Departure for dinner at "Bassenheimer Hof" in Mainz

Friday, Oct 12th, 2007

- 8:00 Breakfast
- 9:15 **Symposium 3:**
Role of PCH proteins in health and disease
Chair: Alan Munn, Brisbane, Australia
Richard Stanley, New York, USA
- 9:20 - 9:45 Seth Corey, Houston, USA
"Physiologic insights from the CIP4 knockout mouse"
- 9:50 - 10:15 Peter Greer, Kingston, Canada
"Molecular and physiological functions of the Fps/Fes and Fer protein - tyrosine kinases"
- 10:20 - 10:45 Andrew Craig, Kingston, Canada
"Phospholipid binding via the EFC domain of Fps/Fes protein - tyrosine kinase is required for its coupling to the FcεRI pathway in mast cells"
- 10:50 **Poster Session II** and Coffee Break
- 11:45 **Symposium 3 continued**
- 11:45 - 12:10 Richard Stanley, New York, USA
"Discovery and function of MAYP/PSTPIP2"
- 12:15 - 12:40 Violeta Chitu, New York, USA
"Anti-inflammatory role of MAYP/PSTPIP2"
- 13:00 Lunch

- 14:00** **Poster Session II continued**
- 15:00** **Symposium 4:**
PCH proteins in cytokinesis
Chair: Peter Greer, Kingston, Canada
- 15:05 - 15:30** Mohan Balasubramanian, Singapore
"Temporal and spatial regulation of cytokinesis in fission yeast"
- 15:35 - 16:00** Alan Munn, Brisbane, Australia
"Vrp1 function in Hof1 dependent cytokinesis"
- 16:05 - 16:30** Barbara Winsor, Strasbourg, France
"Vrp1 ad Hof1 in actin polymerisation and endocytosis"
- 16:35** Coffee break
- 17:00** **Keynote lecture**

Chair: Harvey McMahon, Cambridge, UK

Ivan Dikic, Frankfurt, Germany
"Targeting ubiquitin networks"
- 18:15** Dinner
- 19:00** **Discussion:**
The future of PCH/F-BAR protein research
- 20:30** Farewell party in the "Turm"

Saturday, Oct 13th, 2007

8:00 Breakfast

9:15 Departure from Schloß Waldthausen

Poster Session I

Presenting author	Title
Dharmalingam, Elavarasi	F-BAR domain proteins of the Syndapin family are curvature-sensing plasma membrane targeting devices crucial for shaping membranes by N-WASP/Arp2/3 complex-mediated actin dynamics
Henne, Mike	Structure and Analysis of the F-BAR domain of FCHO2: a BAR-like module that expands the cellular curvature repertoire
Koch, Dennis	Syndapin I, dynamin I, cdk5 and calcineurin - a ménage a quatre: Syndapin I-dynamin I-interactions are regulated by events of phosphorylation/-dephosphorylation.
Schael, Silvia	PACSIN 1 oligomerisation and lipid binding
Vierkotten, Sarah	Regulation of the TRPV4 cation channel by PACSINs
Zörnig, Martin	Binding of the intracellular Fas ligand (FasL) domain to the adaptor protein PSTPIP results in a cytoplasmic localization of FasL

Poster Session II

Presenting author	Title
Frost, Adam	Structural Basis of Cooperative Membrane Invagination by F-BAR Domains As Revealed By cryoEM
Hu, Jinghui	Cdc42-associated Adaptors CIP4 and Toca-1 Limit Epidermal Growth Factor Receptor Signaling and Proliferation of A431 Epidermoid Carcinoma cells
Roberts-Galbraith, Rachel	Function of the <i>S. pombe</i> Cdc15 SH3 domain
Siddique, Masood	Function of NOSTRIN β - a shortened NOSTRIN isoform
Troglio, Flavia	Characterization of the physiological role of F-BAR-containing protein Toca1