

Programme

Monday, September 7th

1st Session

Chairman: K. Kock

	Speaker	Supervisor	Title
10:30-10:45	Prof. C. Herrmann		Welcome
10:45-11:05	G. Kock	R. Stoll	Structural characterisation of the 3rd PDZ domain of PTP-BL by NMR
11:05-11:25	N. Hagemann	K. Erdmann	Involvement of Inositol-5-phosphatase OCRL1 and PDZ-domain-containing protein FRMPD2 in regulation of E-cadherin-mediated cell polarity
11:25-11:45	S. Aust	B. Hovemann	Cysteine peptidase Tan in Drosophila photoreceptor cells is capable of sustaining a continuous flow of histamine neurotransmitter
11:45-12:05	H. Topal	C. Steegborn	Structural characterization of the complex of guanylyl cyclase and p21-activated kinase

Lunch (12:30-14:00)

2nd Session

Chairman: Prof. C. Herrmann

	Speaker	Supervisor	Title
14:00-14:50	Dr. G. Pljevaljičić <i>Guest: Scripps San Diego</i>		Methods in Biophysics - Single-molecule spectroscopy
14:50-15:10	K. Görmer	H. Waldmann	Semisynthetic N-Ras Proteins for Biological Studies
15:10-15:30	Dr. K. Weise	R. Winter	Influence of the Lipidation Motif on the Partitioning and Association of N-Ras in Model Membrane Subdomains

Break (15:30-16:00)

3rd Session

Chairman: K. Görmer

	Speaker	Supervisor	Title
16:00-17:00	Dr. G. Pljevaljičić <i>Guest: Scripps San Diego</i>		RNA Folding and RNP assembly <i>in singulo</i>
17:00-17:20	C. Makbul	C. Herrmann	Biochemical and biophysical investigation of the autoinhibitory domain of the pro-apoptotic kinase MST1
17:20-17:40	N. Ohse	C. Herrmann	The role of the C1 domain of Nore1a
17:40-18:00	K. Kock	C. Herrmann	Interaction of the Ras effector Nore with tubulin and Map1B

Tuesday, September 8th

4th Session

Chairman: K. Jockers

	Speaker	Supervisor	Title
9:00-9:20	S. Hasan	R. Erdmann	Identification of yeast mutants affect in peroxisomal function and/or biogenesis
9:20-9:40	F. El Magraoui	R. Erdmann	The RING-finger peroxins Pex2p and Pex12p function as Ubiquitin-Ligases of the peroxisomal ubiquitination machinery
9:40-10:00	D. Saffian	R. Erdmann	Functional and structural analysis of the recombinant AAA-ATPases Pex1p and Pex6p

Break (10:00-10:30)

5th Session

Chairman: R. Stoll

	Speaker	Supervisor	Title
10:30-11:30	Dr. P. Selenko <i>Guest: FMP Berlin</i>		How in-cell NMR works and what we can do with it
11:30-11:50	K. Westphal	F. Narberhaus	Identification of new FtsH substrates and characterizing of the ATP binding and hydrolysis
11:50-12:10	S. Langklotz	F. Narberhaus	Analyses on the substrate diversity of the FtsH protease in <i>Escherichia coli</i>
12:10-12:30	M. Schäkermann	F. Narberhaus	Control of the lipopolysaccharide biosynthesis by regulated proteolysis of LpxC

Lunch (12:30-14:00)

6th Session

Chairman: F. El Magraoui

	Speaker	Supervisor	Title
14:00-14:55	Dr. P. Selenko <i>Guest: FMP Berlin</i>		Atomic resolution studies of proteins inside live cells
14:55-15:15	K. Jockers	R. Stoll	<i>In vitro</i> and <i>in vivo</i> studies of Rheb by multidimensional NMR spectroscopy
15:15-15:35	Dr. Y. Chen	H. Waldmann	Semi-synthesis of farnesylated Rheb protein

Break (15:35-16:00)

7th Session

Chairman: Dr. G. Triola

	Speaker	Supervisor	Title
16:00-16:55	Dr. S. Sieber <i>Guest: LMU Munich</i>		Methods in Activity based Protein Profiling
16:55-17:15	S. Koch	H. Waldmann	Synthesis of the K-Ras4B Oncogene Product
17:15-17:35	L. Yi	H. Waldmann	Semisynthesis of phosphorylated K-Ras4B and its biological evaluation
17:35-18:30	Prof. C. Herrmann		Organization

Wednesday, September 9th

8th Session

Chairman: *N. Ohse*

	Speaker	Supervisor	Title
9:00-9:20	V. Annamalai	C. Herrmann	Structure determination and biochemical studies of GTPase family protein- <i>Atlastin</i>
9:20-9:40	C. Hengstenberg	C. Herrmann	Selfassembly of hGBP1 investigated by several fluorescence-based techniques
9:40-10:00	C. Dovengerds	C. Herrmann	Mechanism of GTP hydrolysis catalyzed by human guanylate binding protein 2

Break (10:00-10:30)

9th Session

Chairman: *H. Topal*

	Speaker	Supervisor	Title
10:30-11:25	Dr. S. Sieber <i>Guest: LMU Munich</i>		Natural products and their biological targets
11:25-11:45	R. Migralieva	R. Erdmann	Subcellular localisation of Rho1p

Checkout and Lunch (11:45-14:00)

10th Session

Chairman: K. Görmer

	Speaker	Supervisor	Title
14:00-14:20	L. Mavarani	K. Gerwert	Biophysical studies on GTPases
14:20-14:40	P. Pinkerneil	K. Gerwert	ATR-FT-IR spectroscopic investigations of Ras protein bound to solid supported lipid
14:40-15:00	W. Jacob	R. Heumann	
15:00-15:30	Prof. C. Herrmann		Organization

