





PROGRAMME

Wednesday, 3 May 2006

-  12:00 **Light lunch**
- 13:00 Welcome (Gerlind Wallon, Barry Dickson and Jan Michael Peters)
- 13:15 – 14:05 **Session I – Chair: Attila Mocsai:** Immunology and Disease
-  14:10 – 14:45 **Break**
- 14:45 – 15:21 (3 talks)
- 15:21 – 16:05 **Session II – Chair: Christian Ungermann:** Trafficking
-  16:05 – 16:45 **Break**
- 16:45 – 17:35 (4 talks)
- 17:45 – 18:45 Round table discussions (4 parallel)
- 18:45 – 19:30 Meet the EMBO Journal editor: Isabel Arnold
-  19:30 **Leave for the Heuriger**



Thursday, 4 May 2006

- 09:00 – 10:25 **Session III – Chair: Claudia Köhler:** Evo/Devo
-  10:30 – 11:00 **Break**
- 11:00 – 12:15 **Session IV – Chair: Torben Heick Jensen:** Gene Expression
-  12:15 – 13:45 **Lunch**
- 13:45 – 14:10 (2 talks)
- 14:10 – 14:46 **Session V – Chair: Iris Salecker:** Neurobiology
-  14:50 – 15:20 **Break**
- 15:20 – 15:56 (3 talks)
- 16:00 – 17:00 **Session VI – Chair: Ervin Welker:** Structural Biology
- 17:00 – 18:00 Round table discussion (4 parallel)
-   18:00 **Depart for Leopold Museum, followed by dinner**

Friday, 5 May 2006

- 09:00 – 10:15 **Session VI – Chair: Frederic Allain** continued
-  10:15 – 10:45 **Break**
- 10:45 – 11:30 IMP talk: Barry Dickson - Genetic Analysis of Innate Behaviours in Drosophila
- 11:30 – 12:15 EMBO: Frank Gannon (presentation and discussion)
-  12:15 – 13:30 **Lunch**
- 13:30 – 15:00 Discussion session: recent developments in the ERC: Helga Nowotny (Vice Chair of the Scientific Council of the ERC) and Luc van Dyck (ELSF) Chair: Frank Gannon
-  15:00 – 15:15 **Break**
- 15:15 – 16:15 **Session VII – Chair: Pascal Meier:** Cell Biology
-  16:15 – 16:45 **Break**
- 16:45 – 17:35 **Session VIII – Chair: Karim Labib:** Cell Cycle
- Free evening out

Saturday, 6 May 2006

-   End of meeting and departure

Round table discussion sessions:

Informal sessions with a defined topic, three are held in parallel. Provides the opportunity to informally get together with other YIPs with common interests to discuss recent developments in the field.

Topics: Trafficking
Signalling

Gene expression
Structural Biology
Molecular Medicine
Plant Biology
Neurobiology
Lab Management

Wednesday - 3 May 2006
Session I: Immunology and Disease

13:15 - 13:27	Nagy, Laszlo	PPAR α a nuclear receptor at the cross road of inflammation and lipid metabolism
13:27 - 13:39	Mocsai, Attila	The role of PLC γ 2 in integrin and Fc-receptor signaling in neutrophils
13:39 - 13:51	Boutros, Michael	Dissecting Signaling Pathways by RNAi
13:51 - 14:03	Peeper, Daniel	Exploiting senescence and anoikis: functional cloning of tumor and metastasis genes
14:45 - 14:57	Levashina, Elena A.	Regulation of mosquito antimalarial responses
14:57 - 15:09	Batista, Facundo	The importance of the immunological synapse in B cell activation
15:09 - 15:21	Saudou, Frederic	Huntington's disease: From intracellular transport to neuronal death

Session II: Trafficking

15:25 - 15:37	Nichols, Ben	Lateral Diffusion in the Plasma Membrane
15:37 - 15:49	Ungermann, Christian	Control of lysosomal identity by tethering complexes
15:49 - 16:01	Bellaiche, Yohanns	E-Cadherin trafficking
16:45 - 16:57	Del Pozo, Miguel Angel	Caveolin and Integrins in Cell Migration, Endocytosis and Cell Growth
16:57 - 17:09	Haucke, Volker	Adaptor and lipid regulation of endocytic membrane traffic
17:09 - 17:21	Owen, David	Clathrin adaptor recruitment and cargo selection during Clathrin-coated vesicle coat formation.
17:21 - 17:33	Fernández-Chacón, Rafael	Imaging of presynaptic function in transgenic mice

Thursday - 4 May 2006
Session III: Evo / Devo

09:00 - 09:12	Møller, Simon Geir	Fe-S cluster biogenesis in plant organelles
09:12 - 09:24	Köhler, Claudia	Epigenetic control of reproductive development in plants
09:24 - 09:36	Stumpf, Michael	Predicting the size of the human interactome
09:36 - 09:48	Elena, Santiago	The fittest versus the flattest: experimental confirmation of the quasispecies effect with subviral pathogens
09:48 - 10:00	Therond, Pascal	Movement and Transduction of the Hedgehog Signal in <i>Drosophila</i> Epithelia
10:00 - 10:12	Zernicka-Goetz, Magdalena	Epigenetic regulation of cell fate in the mouse preimplantation embryo
10:12 - 10:24	Bartunek, Petr	Thyroid hormone: from blood to brain

Session IV: Gene Expression

11:00 - 11:12	Krejci, Lumir	Srs2 protein and its multi-functional role in recombination/repair processes
11:12 - 11:24	Ulrich, Helle	Control of Genome Stability by Ubiquitin and SUMO
11:24 - 11:36	Wutz, Anton	Polycomb group gene action at the initiation of X inactivation
11:36 - 11:48	Längst, Gernot	Regulation of Chromatin Dynamics
11:48 - 12:00	Jensen, Torben Heick	Nuclear surveillance of mRNP formation
12:00 - 12:12	Sträßer, Katja	A link between transcription and translation?
13:45 - 13:57	Lohmann, Jan	Regulatory Networks of Plant Stem Cell Control
13:57 - 14:09	Pilpel, Yitzhak	Systems biology view of expression regulation

Session V: Neurobiology

14:09 - 14:21	Palmer, Ruth	Alk receptor tyrosine kinase signalling in Drosophila
14:21 - 14:33	Salecker, Iris	Regulation of axon targeting in the developing visual system of Drosophila
14:33 - 14:45	Mihaly, Jozsef	The Drosophila formin DAAM is required for tracheal cuticle patterning and axon growth
15:20 - 15:32	Hassan, Bassem	Axonal Injury and Regeneration in Drosophila
15:32 - 15:44	Mitchell, Kevin	Wiring the brains of mice and men
15:44 - 15:56	Poirazi, Panayiota	Investigating the mechanisms underlying working memory in the hippocampus: a modeling study

Session VI: Structural Biology

16:00 - 16:12	Damborsky, Jiri	Protein Engineering of Enzymes
16:12 - 16:24	Welker, Ervin	Ultrarapid Mixing Experiments Shed New Light on the Characteristics of the Initial Conformational Ensemble During the Folding of ribonuclease A
16:24 - 16:36	Kovacs, Mihaly	Load-dependent kinetics of non-muscle myosin II
16:36 - 16:48	Chiti, Fabrizio	Mechanism of conversion of globular proteins into amyloid aggregates
16:48 - 17:00	Bertolotti, Anne	Protein misfolding and neurodegenerative diseases: Cellular aspects

Friday - 5 May 2006 Session VI: continued

09:00 - 09:12	Bochtler, Matthias	Restriction endonuclease Ecl18ki flips nucleotides to achieve specificity for its recognition site
09:12 - 09:24	Allain, Frederic	Studying protein-RNA recognition with NMR spectroscopy
09:24 - 09:36	Einsle, Oliver	Protein Systems in Bacterial Nitrogen Metabolism
09:36 - 09:48	Clausen, Tim	the DegP protease-chaperone
09:48 - 10:00	Dutzler, Raimund	The CIC family of chloride channels and transporters
10:00 - 10:12	Homolya, László	The new face of ABCG1

Session VII: Cell Biology

15:15 - 15:27	Behrens, Axel	tba
15:27 - 15:39	Meier, Pascal	Dying to Survive
15:39 - 15:51	Oldroyd, Giles	Signalling in Symbiosis
15:51 - 16:03	Zeeman, Samuel	The control of storage carbohydrate metabolism in plants
16:03 - 16:15	Cosma, Maria Pia	Road map of the Sulfatase Modifying Factor 1 (SUMF1): in or out the cells?

Session VIII: Cell Cycle

16:45 - 16:57	Loog, Mart	Cyclin-specificity in substrate recognition by CDK1 and SWE1
16:57 - 17:09	Labib, Karim	Copying chromosomes and cutting cells
17:09 - 17:21	Peters, Jan-Michael	tba

Name in blue = session chair