

PROGRAM DETAILS

DAY 1: Wednesday, October 10th 2012

Session I: Complex Organelles, Chair: Jürgen Soll

14:00 – 17:50	Registration, Poster set-up
17:50 – 18:00	Opening Address
18:00 – 18:30	Uwe Maier Protein import into complex peroxisomes
18:30 – 19:00	Heike Wägele Solar powered seaslugs - latest results
19:00 – 19:30	Geoff McFadden Mitochondrial ATP synthase is only essential for sex in malaria parasite
19:30 – 20:00	Sven Gould News on <i>Trichomonas vaginalis</i> hydrogenosomal protein targeting and early infection dynamics
20:00	GET TOGETHER WELCOME PARTY

DAY 2: Thursday, October 11th, 2012

Session II: Development of Photosynthesis, Chair: Karin Meierhoff

09:00 – 09:30	Ralph Bock How to build a photosystem and control its abundance
09:30 – 10:00	Monica Balsera Ferredoxin:thioredoxin reductase (FTR) links the regulation of oxygenic photosynthesis to deeply rooted bacteria
10:00 – 10:30	Dario Leister Novel regulators of photosynthesis

10:30 – 11:00 COFFEE BREAK

Session III: Chloroplast Biogenesis, Chair: Jörg Nickelsen

11:00 – 11:30 Thomas Börner
Chloroplast transcription: promoters and promoter usage

11:30 – 12:00 Jean-David Rochaix
Conditional repression of essential chloroplast in
Chlamydomonas reinhardtii: new insights into plastid signaling

12:00 – 12:30 William Zerges
On the cytological organization of photosystem II biogenesis in
Chlamydomonas

12:30 – 14:00 LUNCH

Session III: Thylakoid Assembly, Chair: Elisabeth Ankele

14:00 – 14:30 Peter Nixon
Assembling and maintaining the Photosystem II complex in
cyanobacteria and chloroplasts

14:30 – 14:50 Karin Meierhoff
SDR-like proteins as essential factors of PSII biogenesis in higher
plants

14:50 – 15:10 Manavski, Nikolay
Evolutionary scenario of the organellar RNA metabolism:
A novel PPR protein as a case study

15:10 – 15:30 Jörg Nickelsen
Biogenesis of thylakoid membranes in cyanobacteria

15:30 – 16:00 COFFEE BREAK

Session IV: Organelle Biogenesis, Chair: Claire Thompson

- 16:30 – 16:50 Elisabeth Ankele
Thylakoid-localized Alb3/Alb4 of the Alb3/Oxa1/YidC protein family and their function in chloroplast biogenesis
- 16:50 – 17:20 Ian Small
PPR proteins recognise RNA sequence via a simple amino acid code
- 17:20 – 17:50 Elzbieta Glaser
The organellar peptidasome PreP and Alzheimer's Disease
- 18:00 – 20:00 POSTER SESSION I & Snacks & Drinks

DAY 3: Friday, October 12th, 2012

Session VII: Organelle Evolution, Chair: Wolfgang Löffelhardt

- 09:00 – 09:20 Jude Przyborski
Protein trafficking to the plastid of Apicomplexa
- 09:20 – 09:40 Tal Dagan
Modern endosymbiotic theory: Getting lateral gene transfer into the equation
- 09:40 – 10:00 Claire Thompson
Phylogenetic origin of 'Endomicrobia', intracellular symbionts of termite gut flagellates
- 10:00 – 10:30 Ralf Reski
Evolution of interorganellar signalling
- 10:30 – 11:00 COFFEE BREAK

Session VI: Fusion and Fission, Chair: Sven Gould

- 11:00 – 11:30 Maureen Hanson
Protein flow and plastid stromule function
- 11:30 – 12:00 Jodi Nunnari
Molecular mechanisms of mitochondrial behavior
- 12:00 – 12:30 Ralf Erdmann
Protein import into peroxisomes
- 12:30 – 14:00 LUNCH

Session V: Evolution of Metabolism and Regulation, Chair: Ute Vothknecht

- 14:00 – 14:30 Steven Ball
Metabolic effectors secreted by bacterial parasites explain
plastid endosymbiosis
- 14:30 – 15:00 Karl Forchhammer
From cyanobacteria to plants: PSII-mediated metabolic
signaling during plastid evolution
- 15:00 – 15:30 Ekkehard Neuhaus
Sugar transport across the vacuolar membrane from higher
plants
- 15:30 – 16:00 Andreas Weber
Metabolic integration of the plastid during endosymbiosis
- 16:00 – 17:30 POSTER SESSION II & COFFEE

Session IX: Organelles and Metals, Chair: Tal Dagan

- 17:30 – 18:00 Merchant Sabeeha
Systems and trans-system level analysis of iron deficiency in
chlamydomonas

18:00 – 18:20 Roland Lill
Iron-sulfur protein biogenesis in eukaryotes

20:00 – SPEAKERS DINNER

DAY 4: Saturday, October 13th, 2012

Session VIII: Transport and Turn Over, Chair: Jude Przyborski

09:00 – 09:30 Richard Zimmermann
The role of BiP, Sec62 and Sec63 on Sec61 complex-mediated transport of precursor polypeptides into the mammalian ER

09:30 – 10:00 Thomas Langer
Mitochondrial membrane scaffolds and lipid trafficking

10:00 – 10:20 Ute Vothknecht
Regulatory and functional components of thylakoid biogenesis: Vipp1 and more

10:20 – 10:50 COFFEE BREAK

Session X: Transport and Assembly, Chair: William Zerges

10:50 – 11:20 Nikolaus Pfanner
Import and assembly of mitochondrial proteins

11:20 – 11:50 Franz-Ulrich Hartl
Protein folding and proteome maintenance by the bacterial chaperone network

11:50 – 12:20 Walter Neupert
Biogenesis of the Rieske Fe-S protein of the cytochrome bc₁ complex: an evolutionary somersault into the mitochondrial inner membrane

12:20 CLOSING REMARKS & DEPARTURE