

Programm
Mitteldeutsche Pflanzenphysiologie Tagung 2011
Institut für Biologie, Abteilung Pflanzenphysiologie,
Universität Leipzig

Freitag 28.1.2011

13.00 Uhr Begrüßung (Christian Wilhelm, Leipzig)

13.05-13.40 The chloroplast of *Chromera* (Ondrej Prasil, Trebon)

Chair: Guillaume Lentendu (Leipzig)

13.40-14.00 Expression patterns of casein kinase1 and its targets in the flagella of *Chlamydomonas reinhardtii* (Jens Bösgen, Jena)

14.00-14.20 First steps towards the characterization of a plant- and animal-like cryptochrome in *Chlamydomonas reinhardtii* (Benny Beel, Jena)

14.20-14.40 An insertional mutagenesis approach to understand temperature entrainment in *Chlamydomonas reinhardtii*"
(Karthik Mohan; Jena)

14.40-15.00 Do eukaryotic transcription factors exist in plastids?
(Robert Ludwig, Jena)

15.20-15.40 AGC kinases in the interaction between *P. indica* and *A. thaliana* (Iris Camehl, Jena)

Kaffeepause

Chair: Anne Jungandreas (Leipzig)

16.00-16.20 "Arabidopsis mutants impaired in cytoplasmic Ca elevation in response to fungal stimuli". (Joy M Johnson, Jena)

- 16.20-16.40 "S metabolism and glucosinolates in Arabidopsis/P. indica interaction"
(Pyn Nongbri, Jena)
- 16.40-17.00 "D1 variations in alga from extreme habitats"
(Thomas Beer, Halle)
- 17.00-17.20 "Effects of rare codons in the chloroplast of *C. reinhardtii*"
(Caroline Weiß, Halle)
- 17.20-17.40 "Dual targeting of nuclear encoded proteins" (Uwe Langner, Halle)
- 17.40-18.00 "The living fossil *Cyanophora paradoxa*: some aspects of plastid evolution"
(Jürgen Steiner, Halle)
- 18.30 Gemeinsames Abendessen im "Bayrischen Bahnhof"

Samstag, 29.1.2011

Chair: Sabine Jülke (Dresden)

- 8.30-8.50 Towards the functional reconstitution of the TatBC receptor complex of the twin arginine translocation (Tat) pathway" (Mario Jakob, Halle)
- 8.50-9.10 "Analysis of epigenetic control mechanisms of senescence"
(Bianka Janack, Halle)
- 9.10-9.30 "Key factors of stress response in barley"
(Stefan Ehnert, Halle)
- 9.30-9.50 "Analysis of drought stress induced senescence using wild
barley introgression lines" (Sandra Morgenroth, Halle)

Kaffeepause

Chair: Jens Bösgen (Jena)

- 10.10-10.30 Biological control of clubroot (*Plasmodiophora brassicae*) by an endophytic
fungus (Susann Auer, Dresden)

- 10.30-10.50 Auxin amidohydrolases from *Brassica rapa* L. – a contribution to auxin homeostasis (Ana Brcko, Dresden)
- 10.50-11.10 Generating non-toxic Hairy root cultures of *Symphytum officinale* for metabolite production (Annemarie Lippert)
- 11.10-11.30 Contrary to expectations, AtAPY1 is localized in brefeldinA-sensitive compartments (Madlen Schiller, Dresden)
- 11.30-11.50 Functional analysis of the mitochondrial copper chaperones HCC1 and HCC2 (Annelie Müller, Dresden)

11.50-12.00 Uhr Pause

Chair: Bianca Baudisch (Halle)

- 12.00-12.20 "Regulation of LHCII aggregation by different thylakoid membrane lipids" (Susann Schaller, Leipzig)
- 12.20-12.40 Comparison of photosynthetic energy conversion measured by calorimetry, oxygen evolution, and pulse-amplitude modulated fluorescence in the diatom *Phaeodactylum tricornutum* (Steffen, Oroszi, Leipzig)
- 12.40-13.00 "Blue-light effects in Diatoms – a response triggered by aureochromes ?" (Benjamin Schellenberger, Leipzig)

13.00 Good Bye