

**Jahrestreffen der Doktoranden des  
DRS-Studienganges  
„Molecular Plant Science“**

Berlin, den 28.09.2010  
Institut für Biologie, Biochemie der Pflanze

## Session 1

- 9:00 – 9:25 Philipp Weckwerth  
*CDPKs from Zea mays involved in the cold stress response*
- 9:25 – 9:40 Anja Liese  
Regulation and function of *AtCDPK21* and *AtCPK23* in abiotic stress signal
- 9:40 – 10:05 Eileen Kommander  
Downstream responses mediated by *AtCPK5*
- 10:05 – 10:20 Sergej Herzog  
The role of *CPK* in primary pathogen response in *Arabidopsis thaliana*
- 10:20 – 10:35 Guido Durian  
Characterisation of the calcium dependent protein kinase *CPK1* of *Arabidopsis thaliana*
- 10:35 – 11:00 *Coffee break*

## Session 2

- 11:00 – 11:15 Susanne Matschi  
*CPK28* plays a role in light-regulated plant development
- 11:15 – 11:40 Alexis Kasaras  
DMP1, a novel transmembrane protein involved in senescence
- 11:40 – 11:55 Vajiheh Safavi  
Nitrogen remobilisation during senescence
- 11:55 – 12:20 Sandra Konietzki  
\*\*\**Brassica* *Verticillium* resistance genes
- 12:20 – 14:00 *Lunch break*

**14:00 – 14:20**    **Thomas Schmülling**  
**General questions concerning the PhD school**

### **Session 3**

14:30 – 14:55    Stefanie Zintl  
It's all about seeds: A role for cytokinin in seed size regulation and germination

14:55 – 15:10    Andreas Pfeifer  
Characterization of cytokinin response motifs in promoter sequences of *Arabidopsis*

15:10 – 15:25    Eva Hellmann  
*ARR14* and secret manipulators of cytokinin signaling

15:25 – 15:50    Michael Niemann  
Is the putative transporter *ROCK1* involved in the regulation of the subcellular cytokinin distribution ?

15:50 – 16:05    Elisabeth Otto  
Modulation of the cytokinin status in apical meristems

*16:05 – 16:30*    *Coffee break*

### **Session 4**

16:30 – 16:45    Nijuscha Gruhn  
The origin and evolution of the signaling pathway of the plant hormone cytokinin

16:45 – 17:00    Zhen-Xing Wang  
Analysis of AC mis-processed transcripts in *Arabidopsis*

17:00 – 17:25    Henriette Weber  
Characterization of the BTB-MATH protein family in *Arabidopsis thaliana*

17:25 – 17:40    Andrea Werner  
Purine degradation in *Arabidopsis* and Soybean

*BBQ open end*