

Tuesday, 13.09.11

6:00 pm

Welcome BBQ

### Symposium Day 1

Wednesday, 14.09.11

9:00 am

Andreas Weber

Welcome

Chair:

9:10 am

University representative

Welcome

Alisandra Denton

9:30 am

Maarten Koornneef

Seed dormancy in *Arabidopsis* - From genes to population genetics

10:00 am

George Coupland

Control of seasonal flowering in annual and perennial plants

10:30 am

Coffee Break

Chair:

Canan Külahoglu

11:00 am

Dierk Scheel

Signaling in PAMP-triggered immunity in *Arabidopsis thaliana*

11:30 am

Federica Brandizzi

Morphological and functional identity of organelles of the early plant secretory pathway

12:00 am

Jianping Hu

Understanding Peroxisome Biogenesis and Function: from Genetics to Proteomics

12:30 pm

Lunch

Chair:

Stephan Schmid

2:00 pm

Christoph Benning

Two distinct protein complexes provide a conduit for lipid transfer between the ER and the chloroplast envelope membranes in *Arabidopsis*

2:30 pm

Susanne Hoffmann-Benning

Characterization of a phloem protein with a possible role in lipid-mediated long-distance signaling

3:00 pm

Robin Buell

Interrogating the maize diversity through genomics

3:30 pm

Ulf-Ingo Flügge

Novel components in glucosinolate biosynthesis and regulation

4:00 pm

Coffee Break

Chair:

David Heckmann

4:30 pm

Curtis Wilkerson

Next-generation sequencing approaches to discovering enzymes and transcription factors involved in cell wall biosynthesis

5:00 pm

Yuehua Cui

eQTL mapping: the added value in complex trait dissection

5:30 pm

Barbara Sears

Mutations in chloroplast DNA as indicators of plant stress

6:00 pm

Eva Farre

Regulation of clock output pathways by PRRs

7:30 pm

Dinner

**Symposium Day 2**

Thursday, 15.09.11

Chair: René Wink	9:00 am	Ivo Feussner	On the quest for biomarkers for <i>Verticillium longisporum</i> infection
	9:30 am	Arnd Heyer	Concepts for investigating cold tolerance in <i>Arabidopsis</i> - from subcellular compartments to regulatory networks
	10:00 am	Michael Thomashow	Transcriptional Regulatory Networks Controlling Cold Acclimation in <i>Arabidopsis</i>
	10:30 am	Coffee Break	
Chair: Sophia Aldous	11:00 am	Sheng Yang He	Bacterial pathogenesis as a probe of plant biology
	11:30 am	Jane Parker	Intracellular signaling dynamics in <i>Arabidopsis</i> innate immunity
	12:00 am	Lunch	
Chair: Julia Kolodziej	1:30 pm	Robert Last	Matrix Genetics in <i>Arabidopsis</i> : Chloroplasts, Mutants and Unexpected Phenotypes
	2:00 pm	Jonathan Walton	Strategies for improving fungal enzymes for biomass conversion
	2:30 pm	Peter Geigenberger	Regulation of carbon storage in plants
	3:00 pm	Transfer to Moselschlösschen	
	8:00 pm	Dinner at Moselschlösschen	

**Retreat Day 1**

Friday, 16.09.11

Chair:	8:30 am	Sarah Vigelius	Towards phosphate carriers in plants
Frederique Breuers	8:50 am	Kristin Bernhardt	A novel peroxisomal carrier delivers NAD <sup>+</sup> for optimal fatty acid degradation during storage oil mobilization
	9:10 am	Jan Wiese	Functional characterization of putative transport proteins in the peroxisomal membrane
	9:30 am	Coffee Break	
Chair:	9:50 am	Thea Pick	Characterization of transporters in C4 photosynthesis
Alisandra Denton	10:10 am	Judith Paulus	Structural evolution of PEP Carboxylase
	10:30 am	Sophia Aldous	Functional analysis of the C4 phosphoenolpyruvate carboxylase from <i>Flaveria bidentis</i> by <i>in planta</i> and <i>in vitro</i> approaches
	10:50 am	Coffee Break	
	11:10 am	Stefanie Schulze	Evolution of the Glycine Decarboxylase in the Genus <i>Flaveria</i>
	11:30 am	Canan Kùlahoglu	The transcriptional regulation and establishment of C4 photosynthesis in the genus <i>Cleome</i>
	11:50 am	David Heckmann	Mapping the fitness landscape of C4 evolution
	12:10 pm	Lunch	
	2:00 pm	Excursion with Dinner	

**Retreat Day 2**

Saturday, 17.09.11

Chair: Frederike Bernsdorff	8:30 am	Christian Eßer	Comparative genomics on the organelle scale – Sequence similarity and gene retention patterns as indicator for organelle evolution
	8:50 am	Janina Maß	Data mining genomes - Clues for the evolution of C4 photosynthesis
	9:10 am	Frederique Breuers	Manipulating membrane dynamics
	9:30 am	Coffee Break	
Chair: Lazar Pavlovic	9:50 am	Adrian Hülsewede	Dissecting the CLE40 pathway
	10:10 am	Stephan Schmid	LBD family transcription factors
	10:30 am	Rene Wink	About The Signal Peptide CLE40 and how it regulates meristematic activity of <i>Arabidopsis</i> Root Meristems
	10:50 am	Julia Schmid	Ligand Receptor Interactions in the Shoot Apical Meristem of <i>Arabidopsis thaliana</i>
	11:10 am	Coffee Break	
	11:30 am	Tom Ruts	The circadian clock and plant growth
	11:50 am	Viviana Correa-Galvis	On the Role of the PSBS protein in <i>Chlamydomonas reinhardtii</i>
	12:10 am	Thorsten Langner	The role of Rrm4-dependent mRNA transport during pathogenic development of <i>Ustilago maydis</i>
	12:30 pm	Vera Göhre	PAMP-triggered immunity influences photosynthesis
	12:50 pm	Lunch	
	2:00 pm	Excursion with Dinner	