



# Programme

## 2nd Annual Meeting 12 - 14 December 2012

Evolutionary plant solutions to ecological challenges:  
Molecular mechanisms underlying adaptive traits in the *Brassicaceae s.l.*



### Wednesday 12 December 2012

6.00 pm **Welcome Dinner**

7.30 pm **Group Discussion of Itinerary for General Assembly**





## Thursday 13 December 2012

**Chair: Ute Krämer**

Please mount **posters** in Foyer before 1.30 pm 

### 9.00 am Opening Remarks

- 9.00 am **Eric Schranz**  
„Analysis and sequencing of the *Cleome* and *Aethionema* genomes as outgroups to the *Brassicaceae*“
- 9.30 am Project 15 **Canan Külahoglu**  
„Comparative Transcriptome Atlases in *Cleome*“
- 10.00 am Project 4 **Marcus Koch**  
„BrassiBase up and running“

### 10.30 am Coffee Break

- 11.00 am **Collective Initiative Arabidopsis Phylogenomics Project**  
Introduction: Marcus Koch  
Discussion & Planning

### 12.15 pm Lunch

**Chair: Detlef Weigel**

- 1.30 pm Project 12 **Timothy Sharbel**  
„Muller's ratchet and apomixis in *Boechera*: setting the stage for understanding maladaptation“
- 2.00 pm Project 10 **Johannes Metz**  
„Long-term and short-term selection in response to climate variation in an annual *Crucifer* - an experimental approach“
- 2.30 pm Project 10 **Dino Jolic**  
„Recent progress in whole genome assembly“
- 3.00 pm Project 8 **Daniel Koenig**  
„The footprint of mating system shift and colonization on the genome of a species“

### 3.30 pm Coffee Break & Poster Session (Foyer) Meeting Steering Committee (Conference Room)

**Chair: Marcus Koch**

- 5.00 pm **Adrien Sicard**  
„Evolution of the 'selfing syndrome' in the *Capsella* genus“
- 5.30 pm Project 1 **Nina Kottenhagen**  
„GORDITA-like genes in *Brassicaceae*: Introduction, molecular evolution and determination of fitness proxies“
- 6.00 pm Project 1 **Olesia Gavryliuk**  
„GORDITA-like genes in *Brassicaceae*: Identification of interaction partners of GOA proteins“

### 7.00 pm Conference Dinner (Kaminzimmer)





## Friday 14 December 2012

**Chair: George Coupland**

Please leave **posters** hanging in Foyer until 3.30 pm

- 8.30 am Project 3 **Stefan Wötzel**  
„Flowering time variation in perennial *Arabis alpina* - role of PEP1 in natural populations“
- 9.00 am Project 5 **Graham Muir**  
„The acquisition of adaptive traits via introgression in an *Arabidopsis lyrata*-*arenosa* introgression zone: The role of the self-incompatibility SRK locus“
- 9.30 am Project 5 **Alessia Guggisberg**  
„A genomic view on the calcicole-calcifuge problem: Insights from *Arabidopsis lyrata*“
- 10.00 am Project 2 **Stephan Clemens**  
„Natural variation, underlying molecular basis and ecological role of metal hyperaccumulation in *Arabidopsis halleri*“

### 10.30 am Coffee Break & Poster Session (Foyer)

- 11.00 am Project 2 **Ute Krämer**  
„Natural variation, underlying molecular basis and ecological role of metal hyperaccumulation in *Arabidopsis halleri*“
- 11.30 am Project 2 **Ardeshir Kazemi**  
„The ecological role and natural variation in metal hyperaccumulation of *Arabidopsis halleri*“
- 12.00 pm Project 13 **Eva-Maria Hoch**  
„The ecological basis of intraspecific variation in metal hyperaccumulation in two model *Brassicaceae* species“

### 12.30 pm Lunch

**Chair: Ute Krämer**

1.30 pm **General Assembly & Discussion (Workshops)**

- 2.30 pm Project 7 **Juliette de Meaux**  
„Allele-specific expression in interspecific *Arabidopsis* hybrids“

### 3.00 pm Coffee Break & Poster Session (Foyer)

**Chair: Juliette de Meaux**

- 3.30 pm Project 9 **Ales Pecinka**  
„Progress in comparative analysis of *Arabidopsis lyrata* and *Arabidopsis thaliana* genome and epigenome“
- 4.00 pm Project 11 **Matteo Buti**  
„Interaction of genetic drift and adaptive evolution in endemic plant species“
- 4.30 pm Project 8 **Polina Novikova**  
„Molecular evolution of *Arabidopsis suecica* mating system“

### 5.00 pm Closing Remarks & Free Discussions in Groups

**6.00 pm Dinner**

