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# 1<sup>st</sup> CRC 1101 Symposium

## Molecular Encoding of Specificity in Plant Processes

Universities of Tübingen and Heidelberg, MPI for Developmental Biology Tübingen

04. to 06. April 2016

Lecture Hall Centre, Auf der Morgenstelle 16, 72076 Tübingen

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### Monday, 04. April

13:45 – 14:00

#### Welcome addresses

**Klaus Harter**, Speaker of the CRC 1101

**Peter Grathwohl**, Vice Rector for Research, Tübingen University

**Josef Jochum**, Vice Dean of the Science Faculty, Tübingen University

Chair: **Thorsten Nürnberger**

14:00 – 14:30

**Dominique Bergmann** (Stanford University, Palo Alto)

*Making a difference: fate, communication and asymmetry in the stomatal lineage*

14:30 – 15:00

**Jens Stougaard** (Aarhus University, Aarhus)

*The role of LysM receptor kinases in symbiosis and defence responses*

15:00 – 15:30

*Coffee break*

Chair: **Birgit Kemmerling**

15:30 – 16:00

**Dierk Scheel** (Leibniz-Institut for Plant Biochemistry, Halle)

*Signaling in PAMP-triggered immunity in Arabidopsis*

16:00 – 16:30

**Cyril Zipfel** (Sainsbury Laboratory, Norwich)

*Regulation of receptor kinase-mediated immunity*

16:30 – 17:00

**Tina Romeis** (Free University of Berlin, Berlin)

*CDPK signaling in plant defence and development*

Afterwards

*Dinner*

### Tuesday, 05. April

Chair: **Ulrike Zentgraf**

09:00 – 09:30

**Moritz Nowack** (VIB Department of Plant Systems Biology, Gent)

*Regulation of programmed cell death in plant development*

09:30 – 10:00

**Rüdiger Simon** (University of Düsseldorf, Düsseldorf)

*Regulation of plant stem cell systems*

10:00 – 10:30

*Coffee break*

Chair: **Gabriel Schaaf**

- 10:30 – 11:00      **Keiko Torii** (University of Washington, Seattle)  
*Signal specificity and integration specifying plant epidermal patterning*
- 11:00 – 11:30      **Ykä Helariutta** (University of Cambridge, Cambridge)  
*Integrating hormonal and transcriptional control during root vascular development*
- 11:30 – 12:00      **Michael Lenhard** (University of Potsdam, Potsdam)  
*Functional specialization amongst canonical plant poly(A) polymerases: An overlooked layer in plant gene expression control?*
- 12:00 – 14:00      *Lunch break*
- 14:00 – 15:30      **Poster session**
- 15:30 – 16:00      *Coffee break*

Chair: **Karin Schumacher**

- 16:00 – 16:30      **Takashi Ueda** (National Institute for Basic Biology, Okazaki)  
*Diversification of membrane trafficking pathways during land plant evolution*
- 16:30 – 17:00      **Natasha Raikhel** (University of California, Riverside)  
*Chemical biology reveals insights into endomembrane trafficking in plants*
- Afterwards          *Dinner*

## Wednesday, 06. April

Chair: **Sascha Laubinger**

- 09:00 – 09:30      **Jin Hailing** (University of California, Riverside)  
*Cross-kingdom RNAi in plant pathogen interaction*
- 09:30 – 10:00      **Jean-Philippe Combier** (CNRS-UPS, Castanet-Tolosan)  
*Primary transcripts of microRNAs encode regulatory peptides*
- 10:00 – 10:30      *Coffee break*

Chair: **Claudia Oecking**

- 10:30 – 11:00      **Joe Kieber** (University of North Carolina, Chapel Hill)  
*Cytokinin signaling: Two-components and more*
- 11:00 – 11:30      **Mark Estelle** (University of California, San Diego)  
*Auxin signaling: Inputs and outputs*
- 11:30                  **End of the symposium - Farewell**
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