



## Talks

Adam-von-Trott-Saal, 2<sup>nd</sup> Floor

### Thursday, June 14<sup>th</sup>

9:00 Ivo Feussner: Welcoming Speech

Chair: Aswin Nair

#### Session 1

9:10 Ljerka Kunst: Understanding the biosynthesis of the cuticle, the plant's first barrier against pathogens and herbivores.

9:40 Milena Lewandowska: Wound-induced wax biosynthesis in *A. thaliana*.

10:00 Shauna Somerville: Cellulose derived oligomers acts as DAMPs and trigger defense-like responses.

### 10:30 Coffee break Hall Ground floor/Hall 2<sup>nd</sup> floor

Chair: Karl Kasper

#### Session 2

11:00 Harry Brumer: CAZymes at the plant-microbe nexus.

11:30 Athanas Guzha: Understanding the role of two *Arabidopsis thaliana* Glycosyl hydrolases in disease resistance.

11:50 Alga Zuccaro: Molecular mechanisms of root symbioses.

12:20 Ralph Hüchelhoven: ROP GTPases are hubs of cytoskeleton and membrane dynamics in plant microbe interactions.

### 12:50 Lunch Hannah-Vogt-Saal/Emmy-Noether-Saal Ground floor

Chair: Miriam Leonard

#### Session 3

14:00 Volker Lipka: A single lineage-specific *Verticillium* effector triggers complex developmental reprogramming of host plant vascular tissues.

14:30 Gerhard Braus: Infection and colonization of plant hosts by *Verticillium dahliae*.

15:00 Christiane Gatz: The vascular pathogen *Verticillium longisporum* requires a jasmonic acid-independent COI1 function in roots to elicit disease symptoms in *Arabidopsis* shoots.

15:30 Corné Pieterse: The root microbiome and plant immunity.

### 16:00 Poster Session Hannah-Vogt-Saal/Emmy-Noether-Saal Ground floor

### 19:00 Conference Dinner Restaurant Bullerjahn, Markt 9



## Friday, June 15<sup>th</sup>

Chair: Jelena Budimir

### Session 4

- 8:30 Andrea Polle: Mycorrhizal reprogramming impede poplar herbivores.
- 9:00 Roberto Solano: Evolutionary divergence in the bioactive jasmonate in land plants.
- 9:30 Cara Haney: Regulation of plant growth and defense by beneficial microbes.
- 10:00 Kishore Vishwanathan: Defence remodeling by ectomycorrhizal fungi.

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### 10:20 Coffee break Hall Ground floor/Hall 2<sup>nd</sup> floor

Chair: Denise Hartken

### Session 5

- 10:50 Melissa Bredow: Mechanisms regulating plant immune homeostasis.
- 11:20 Kai Heibel: A conserved stress response pathway promotes effector secretion and signaling crosstalk during pathogenic development of *Ustilago maydis*.
- 11:50 Stefan Hoth: Models for studying autoimmunity and cell death.
- 12:20 Wanwan Liang: TIR-NB-LRR immune receptor SOC3 pairs with truncated TIR-NB protein CHS1 or TN2 to monitor SAU1 homeostasis.

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### 12:40 Lunch Hannah-Vogt-Saal/Emmy-Noether-Saal Ground floor

Chair: Dmitrij Rekhter

### Session 6

- 14:00 Marcel Wiermer: NUCLEOPORIN88-regulated defense signaling in *Arabidopsis*.
- 14:30 Daniel Lüdke: The truncated NLR protein TN13 interacts with IMPORTIN- $\alpha$ 3 and is required for disease resistance in *Arabidopsis*.
- 14:50 Di Wu: The Carboxyl-terminal tail of BAK1 is differentially required for plant development and immunity.
- 15:10 Ivan Baccelli: No more a xenobiotic: updating the story of  $\beta$ -aminobutyric acid in plant defense.
- 15:40 Yuelin Zhang: Opposite roles of salicylic acid receptors NPR1 and NPR3/NPR4 in transcriptional regulation of plant immunity.

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### 16:10 Closing