International Plant Immunity Symposium – 1st IRTG 2172 PRoTECT Symposium
June 14th and 15th 2018, Tagungszentrum Alte Mensa Göttingen

Talks

Adam-von-Trott-Saal, 2nd Floor

Thursday, June 14th

9:00 **Ivo Feussner:** Welcoming Speech

Session 1

Chair: Aswin Nair

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 2nd floor

Session 2

Chair: Karl Kasper

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 Hückelhoven:** ROP GTPases are hubs of cytoskeleton and membrane dynamics in plant microbe interactions.

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

Session 3

Chair: Miriam Leonard

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 dahlia*.

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 **Andrea Polle:** Mycorrhizal reprogramming impede poplar herbivores.

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

19:00 Conference Dinner Restaurant Bullerjahn, Markt 9

Friday, June 15th

Session 4

Chair: Jelena Budimir

8:30 **Corné Pieterse:** The root microbiome and plant immunity.

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.

10:20 Coffee break Hall Ground floor/Hall 2nd floor

Session 5

Chair: Denise Hartken

10:50 **Melissa Bredow:** Mechanisms regulating plant immune homeostasis.

11:20 **Kai Heimel:** 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 SAUL1 homeostasis.

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

Session 6

Chair: Dmitrij Rekhter

14:00 **Marcel Wiermer:** NUCLEOPORIN88-regulated defense signaling in *Arabidopsis*.

14:30 **Daniel Lüdke:** The truncated NLR protein TN13 interacts with IMPORTIN-α3 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 ß-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.

16:10 Closing