

5th PSC-Syngenta Symposium

PSC-Syngenta collaboration: In March 2003, the ETH Zurich, the University of Zurich, the University Basel and Syngenta signed an agreement for a long-term research collaboration. The funds are allocated through annual calls among the members. An Advisory Committee consisting of one representative of each participating university and of Syngenta, selects the projects. To date 31 young researchers have been sponsored by the collaboration.

Syngenta Crop Protection AG
Research Center Stein
4332 Stein

30. August 2017

Registration

<http://ethz.doodle.com/poll/49ux6v8bhx55w4pv>

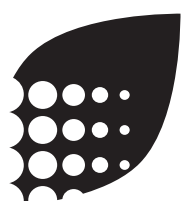


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Agenda

<i>Welcome</i>	9:00-9:30
Dr. Willy T. Rueegg , Syngenta Prof. Samuel C. Zeeman , President PSC	
Presentation of research projects	
Tobias Löser , ETH Zürich Linking genotypic variation among plant-associated fluorescent pseudomonads with activation of plant defense against pathogens and insects	9:30-9:50
Xin Ma , ETH Zürich Using comparative transcriptomics to understand the wheat immune response to <i>Zymoseptoria tritici</i>	9:50-10:10
Luisa Schäfer , University of Zürich Silencing of a fungal effector decreases virulence of wheat powdery mildew	10:10-10:30
<i>Coffee break</i>	
Prof. Antia Rodriguez Villalon , ETH Zürich Perturbing phosphoinositide homeostasis antagonistically affects vascular cell differentiation in <i>Arabidopsis thaliana</i> roots	11:00-11:20
Michele Wyler , University of Zürich Impact of intra-specific TE variations on gene expression, local epigenetic states and spatial genome organization in <i>Brachypodium distachyon</i>	11:20-11:40
<i>Lunch & poster presentation</i>	
Minisymposium: Modeling in agriculture	
Prof. Johan Six , ETH Zürich Simulating productivity and soil greenhouse gas emissions from Swiss long-term cropping system	13:00-13:30
Dr. Steven Yates , ETH Zürich Modelling leaf growth and transcriptional response of perennial ryegrass to drought stress	13:30-14:00
Prof. Christian Schöb , ETH Zürich An ecologist's view on crop mixtures	14:00-14:30
Prof. Dr. Jeremy Lecoeur , Syngenta Crop modelling with data mining and combined modeling approaches	14:30-15:00
Dr. Marco Stenta , Syngenta Modelling approaches for new phytohormone classes	15:00-15:30
<i>Apéro & poster presentation</i>	-17:00



Universität Zürich
ETH Zürich
Universität Basel
Plant Science Center

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