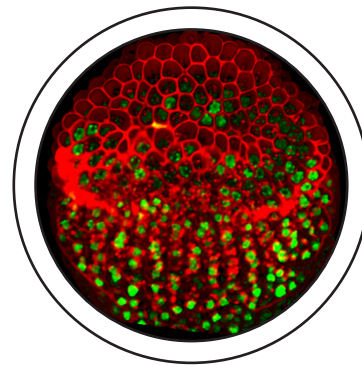




PSC & Syngenta Symposium 2019



PROGRAM

8:30 9:15
WELCOME COFFEE

KEYNOTE

9:20–9:40
Sustainable agriculture trends and consequences on crop protection practices
Xavier Leprince, Syngenta

FELLOW PRESENTATIONS

Chair: Prof. Samuel C. Zeeman

9:40–10:00
Rhizobacteria-mediated effects on plant biotic interactions
Tobias Löser, ETH Zurich

10:00–10:20
Dual mRNA and sRNA transcriptome analysis reveals the interactions between wheat and *Z. tritici*
Xin Ma, ETH Zurich

10:20–10:40
Host-induced gene silencing in wheat powdery mildew
Luisa Schäfer, University of Zurich

10:40–11:00
Vacuolar dynamics during xylem differentiation: the role of XYLEM CYSTEINE PEPTIDASE 1 in developmental PCD
Claudia Stoof, ETH Zurich

COFFEE BREAK

Chair: Prof. Bruce McDonald

11:20–11:40
Diverse transposable element DNA methylation
Michele Wyler, University of Zurich

11:40–12:00
Shaping signalling landscapes during organ formation
Milica Nenadic, University of Zurich

12:00–12:20
Community level reciprocal trade between arbuscular mycorrhizal fungi and plants
Sören Weber, University of Zurich

12:20–12:40
A green toxin; plants chlorophyll/chlorophyllase-mediated binary defense against chewing herbivores
Dr. Spoorti Kalleda, University of Zurich

12:40–13:00
Mycorrhiza-facilitated bio-irrigation in intercropping systems in dryland agriculture
Santiago Perez, University of Basel

LUNCH BREAK & Guiding tours

KEYNOTES

Chair: Dr. Gabriel Scalliet

14:40–15:00
Using automated image analysis to genetically dissect septoria tritici blotch
Prof. Bruce McDonald, ETH Zurich

15:00–15:20
Identification of new leads
Prof. Samuel C. Zeeman, ETH Zurich

15:40–16:00
Using plant cell surface immune receptors for improving broad-spectrum disease resistance in crops
Prof. Cyril Zipfel, University of Zurich

FINAL REMARKS
Willy Rueegg (Syngenta)

COFFEE BREAK

FLASH TALKS
10 x 4 minutes

Tolerance to septoria tritici blotch
Alexey Mikaberidze, ETH Zurich

Changes in floral traits mediated by pollinators and herbivores during experimental evolution
Sergio E. Ramos-Castro, U. of Zurich

Control of *Fusarium graminearum* in wheat with mustard-based botanicals
Dimitrios Drakopoulos, Agroscope

POSTER PRESENTATIONS & APERO

UNTIL 17:00

WEDNESDAY, MARCH 6th, 2019

Syngenta Crop Protection AG, Research Center Stein, 4332 Stein