

# Zürich Mycology Symposium

January 24<sup>th</sup>, 2014

ETH Zürich

Sonneggstrasse 3, CH-8092 Zürich, ML E12

from 8:30: Distribution of name tags and upload of presentations

9:00-9:05

Opening remarks

**Bruce McDonald**, Institute of Integrative Biology, ETH Zurich

9:05-9:35

**Mark Lendenmann**, Institute of Integrative Biology, ETH Zurich

"QTL mapping of important life history traits in the wheat pathogen *Zymoseptoria tritici*"

9:35-10:05

**Franz Bender/Marcel van der Heijden**, Forschungsanstalt Agroscope Reckenholz-Tänikon ART, Zurich

"Symbiotic soil fungi as drivers of nutrient cycling "

10:05-10:35

**Zoe Bont**, Institute of Evolutionary Biology & Environmental Studies, University of Zurich

"Luminescent fungi - Testing of fungicides based on the light emission by *Armillaria cepistipes*"

10:35-11:05 **Coffee Break**

11:05-11:35

**David Plaza**, Institute of Microbiology, ETH Zurich

"A transcriptomic approach to fungal development and innate defense"

11:35-12:05

**Christoph Scheidegger**, Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Birmensdorf

"Genetic Structure and Gene Flow of the foliose Lichen *Lobaria pindarensis* (Lobariaceae) in the Himalayas (Nepal)"

12:05-12:50

**Dirk Hoffmeister**, University of Jena

"Molds and Mushrooms: what's inside? Fungal natural product research in the genomic era"

12:50-14:20 **Lunch (on your own)**

14:20-14:50

**Thomas Rime**, Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Birmensdorf

"Pyrosequencing-based assessment of the fungal communities in the cryo- and pedosphere of the Damma glacier area, Switzerland"

14:50-15:20

**Simone Prospero**, Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Birmensdorf

"Biological control of chestnut blight in northern Switzerland"

15:20-15:50 **Coffee Break**

15:50-16:20

**Thomas Wicker**, Institute of Plant Biology, University of Zurich

"The wheat powdery mildew genome shows the unique evolution of an obligate biotroph"

16:20-16:50

**Martin Hartmann/Franco Widmer**, Forschungsanstalt Agroscope Reckenholz-Tänikon ART, Zurich

"The response of soil microbial diversity to long-term organic and conventional farming"

16:50-17:20

**Maria-Theresia Gekenidis**, Agroscope Changins-Wädenswil Research Station ACW, Wädenswil

"MALDI-TOF mass spectrometry for rapid identification of pathogenic microorganisms and method adaptation to moulds "

17:20-17:25

Closing remarks

**Bruce McDonald**, Institute of Integrative Biology, ETH Zurich

**Guests are welcome!**

**Chairs:**

Morning Session: Bruce McDonald, ETH

Afternoon Session: Stefano Torriani, ETH

**Organisation:**

Bruce McDonald and Markus Künzler (both ETH Zurich)

**ETH**

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