



micrometabolite

Winter School

Plant-associated microbiota and secondary metabolite production

Vienna/Tulln, 2-10 December 2019

2 - 5 December 2019

miCROPe 2019 Conference on Microbe-assisted crop production, Schönbrunn, Vienna, Austria

6 December 2019 – Plant-microbe interactions and secondary metabolite production

09:00 – 09:45 Stéphane Compant, AIT Austrian Institute of Technology
Colonization of plant-associated microbes

09:45 – 10:30 Valentina Maggini, University of Florence, Italy
The therapeutic challenge of medicinal plant-associated microbiota

10:30 – 11:00 Break

11:00 – 11:45 Kari Saikkonen, University of Turku, Finland
The complexity of plant-microbe interactions

11:45 – 13:00 Lunch

13:00 – 13:45 Joseph Strauss, Vienna University of Natural Resources and Life Sciences, Austria
Fungal secondary metabolites – ecological roles, pathogenicity factors and natural pharmaceuticals

13:45 – 14:30 Günter Brader, AIT Austrian Institute of Technology
Secondary metabolites in plant-associated Bacilli

14:30 – 15:15 Sergej Zotchev, University of Vienna, Austria
Bioprospecting of plant-associated bacteria and fungi for novel
secondary metabolites

15:15 – 15:30 Closure

9 December 2019 – Hands-on Workshop

09:00 – 12:00 DNA isolation of plant microbiomes, PCR

12:00 – 13:00 Lunch

13:00 – 15:00 Microscopy analysis

15:00 - 15:30 Break

15:30 – 16:30 Analysis of PCR products

16:30 – 17:30 Discussion on sequence analysis

19:00 Social event
Restaurant Zum Friedensrichter, Vienna
www.zum-friedensrichter.at

10 December 2019 - Round Table with ESRs

09:00 – 10:30
