

Phytobiomes Research for Plant Health

Satellite workshop
International Congress of Plant Pathology
ICPP 2023, Lyon, France



Sunday 20 August | 14:00 - 17:30

Agenda

- 14:00** – Welcome & Introduction - Jan Leach, Colorado State University, USA
- 14:10** – Caitilyn Allen, University of Wisconsin – Madison, USA
Genotypic and phenotypic analysis shows Ralstonia solanacearum cool virulence is a quantitative trait not restricted to “Race 3 biovar 2”
- 14:35** – Carolee Bull, Pennsylvania State University, USA
Ground truthing community sequence data with cultures and their genomes
- 15:00** – Corinne Vachet, INRAE, France
Deciphering the interactions between mildews and the phyllosphere microbiota in grapevine
- 15:25** – Waleron Malgorzata, University of Gdansk, Poland
Is the plant rhizobium engaged in interactions between pectobacterium and plants?
- 15:45** – Poster flash talks
- Emily Luna, Colorado State University, USA**
Modulation of plant defense gene expression in barley by Russian wheat aphid honeydew and honeydew-associated bacteria
- Stefanie Maria Primisser, Laimburg Research Centre, Italy**
Dry lenticel rot – An emerging postharvest disorder on apples in northern Italy
- 16:00** – Break
- 16:20** – Lauren Farwell, NIAB, UK
Unravelling the epiphytic microbiome of raspberries: How fruit age and polytunnel location impact pathogenic and beneficial fungi and bacteria on the surface of raspberries
- 16:40** – Tika Adhikari, North Carolina State University, USA
Deciphering the active strawberry microbiome associated with roots and rhizosphere soil
- 17:00** – Ofir Degani, Migal Galilee Research Institute, Israel
Trichoderma asperellum secreted 6-pentyl-alpha-pyrone protects maize plants from the late wilt pathogen, Magnaportheopsis maydis
- 17:20** – Wrap-up – Jan Leach

Phytobiomes research focuses on the complex interactions between plants, microorganisms, soils, climate, environment, and management practices.

In this workshop, we will showcase examples on how phytobiomes science can provide solutions to produce healthy plants to ensure food security for

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Register at www.icpp2023.org