



MEETING AGENDA

The Plant Microbiota

The Banbury Center, Cold Spring Harbor Laboratory, New York, USA
April 14-17, 2019

This meeting was funded by the **Cold Spring Harbor Laboratory Corporate Sponsor Program**, **Indigo Ag**, **Syngenta**, and the **KWS SAAT SE**, with additional funding from **2Bades Foundation**

Organizers:

Jeffery Dangel, University of North Carolina and Howard Hughes Medical Institute;
Paul Schulze-Lefert, Max Planck Institute for Plant Breeding Research;
Julia Vorholt, ETH Zurich

Growing interest in the plant microbiota is being spurred by basic, curiosity-driven research that seeks to understand the principles underlying microbiota assembly and the impact of the microbiota on the plant host. There is also an increasing awareness that knowledge gained can be harnessed for rational bioprospecting and the discovery of agriculturally useful molecules, genes, and inoculants in plant-associated microbes. This Banbury meeting gathered plant and microbial scientists to discuss the latest advances in: (1) microbiota assembly and the plant innate immune system, (2) host colonization and mechanisms of interbacterial communication, (3) metabolic interdependence of the plant host and its associated microbes, (4) nutrient mobilization and nutritional functions provided by root-associated microbes, (5) microbial inter-kingdom interactions and microbiota homeostasis, (6) invasion and persistence in microbial consortia, and (7) commensal functions in pathogen protection.

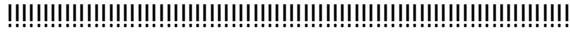
SUNDAY, APRIL 14

Afternoon Participant arrivals

6:00 pm Reception, dinner

MONDAY,

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! Paul Schulze-Lefert, Max Planck Institute for Plant Breeding Research, Cologne,
Germany
Corné Pieterse, Utrecht University, Utrecht, Netherlands

6:00 pm Reception, dinner

WEDNESDAY, APRIL 17

7:15 am Breakfast

8:30 am **SESSION 6: Multi-Kingdom Interactions**

Britt Koskella, University of California, Berkeley, USA

Linda Kinkel, University of Minnesota, Saint Paul, USA

Stéphane Hacquard, Max Planck Institute for Plant Breeding Research, Cologne,
Germany

10:45 am **SESSION 7: General Discussion and Wrap-Up**

12:00 pm



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MEETING PARTICIPANTS

Devin Coleman-Derr, USDA-ARS

Jeffery Dangl, University of North Carolina & Howard Hughes Medical Institute

Urs Fischer, KWS S