

Signaling and Metabolic Interactions in the Phytobiome

PP 590/790 Section 001 • Spring Semester 2022 • 3 Credit Hours

Instructor: Dr. Oliver Baars

Requirements: Graduate standing or microbiology and biochemistry principles (MB 351, BCH 451 or by instructor permission)

Time and Place: Mon/Wed 10:15-11:30 AM
Place - Gardner Hall 1406

Overview: Mechanisms of biological interaction involving metabolites that are secreted by plants and associated micro- and macro-organisms.

- Communication, monopolizing and sharing of resources, beneficial and antagonistic interactions
- Metabolic Interactions to Crop Productivity and Biogeochemistry
- Analytical Approaches, Metabolomics (Classroom only)

