



Lecture series 'Plants in their Environment'

Tuesdays 8:30 – 10:00

in Lecture Hall **H53**

Start: April 29, 2025

29.04.2025	Biotic Interactions I (Bacteria, Fungi)	Dresselhaus
06.05.2025	Biotic Interactions II (Viruses, Viroids)	van der Linde
13.05.2025	Biotic Interactions III (Nematodes, Insects)	van der Linde
20.05.2025	Biotic Interactions IV (Microsymbionts)	Dresselhaus
27.05.2025	Cell-Cell Communication (Plasmodesmata, Cell Walls)	Jiang
03.06.2025	Abiotic Stress I	Grasser
10.06.2025	<i>No lecture – student holiday</i>	
17.06.2025	Abiotic Stress II	Grasser
24.06.2025	Germination and Flowering Time Induction	Jiang
01.07.2025	Senescence and Cell Death	Grasser
08.07.2025	Plant-Plant Interactions I (direct/indirect)	Dresselhaus
15.07.2025	Plant-Plant Interactions II (Secondary Metabolites)	Dresselhaus

This lecture series addresses advanced students (6th semester and higher) in the life sciences and related fields. The focus will be on the molecular understanding how plants interact with their biotic and abiotic environment. General topics on the plant cell wall, cellular connections via plasmodesmata and the generation of secondary metabolites will add to the understanding of the diverse interactions.

The lecture series will be taken into account as *Biologische Spezialvorlesung* during the BSc studies and/or for the MSc Modules *Cell and Developmental Biology*, *Molecular Ecology and Evolutionary Biology* as well as *Plant Cellular Biochemistry and Genetics*.