



Lecture series 'Plants in their Environment'

Tuesdays 8:30 – 10:00

in Lecture Hall **H52**

Start: April 26, 2022

26.04.2022	Abiotic Stress I	Grasser
03.05.2022	Abiotic Stress II	Grasser
10.05.2022	Germination and Flowering Time Induction	Germann-Notka
17.05.2022	Biotic Interactions I (Viruses, Viroids)	van der Linde
24.05.2022	Biotic Interactions II (Nematodes, Insects)	van der Linde
31.05.2022	Biotic Interactions III (Bacteria, Fungi)	Dresselhaus
07.06.2022	<i>No lecture – student holiday</i>	
14.06.2022	Senescence and Cell Death	Grasser
21.06.2022	Cell-Cell Communication (Plasmodesmata, Cell Walls)	Germann-Notka
28.06.2022	Biotic Interactions IV (Microsymbionts)	Dresselhaus
05.07.2022	Plant-Plant Interactions	Dresselhaus
12.07.2022	Defense/Communication (Secondary Metabolism)	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*.