



## Lecture series 'Plants in their Environment'

**Tuesdays 8:30 – 10:00**

in Lecture Hall **H53**

**Start: April 18, 2023**

18.04.2023	Abiotic Stress I	Grasser
25.04.2023	Biotic Interactions I (Viruses, Viroids)	van der Linde
02.05.2023	Abiotic Stress II	Grasser
09.05.2023	Biotic Interactions II (Nematodes, Insects)	van der Linde
16.05.2023	Senescence and Cell Death	Grasser
23.05.2023	Germination and Flowering Time Induction	Germann-Notka
30.05.2023	<i>No lecture – student holiday</i>	
06.06.2023	Biotic Interactions III (Bacteria, Fungi)	Dresselhaus
13.06.2023	Biotic Interactions IV (Microsymbionts)	Dresselhaus
20.06.2023	Plant-Plant Interactions I (direct/indirect)	Dresselhaus
27.06.2023	Plant-Plant Interactions II (Secondary Metabolites)	Dresselhaus
04.07.2023	Cell-Cell Communication (Plasmodesmata, Cell Walls)	Germann-Notka

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*.