



## Lecture series 'Plants in their Environment'

**Tuesdays 8:30 – 10:00**

in Lecture Hall **H53**

**Start: April 16, 2024**

16.04.2024	Biotic Interactions I (Viruses, Viroids)	van der Linde
23.04.2024	Biotic Interactions II (Nematodes, Insects)	van der Linde
30.04.2024	Abiotic Stress I	Grasser
07.05.2024	Germination and Flowering Time Induction	Jiang
14.05.2024	Abiotic Stress II	Grasser
21.05.2024	<i>No lecture – student holiday</i>	
28.05.2024	Senescence and Cell Death	Grasser
04.06.2024	Biotic Interactions III (Bacteria, Fungi)	Dresselhaus
11.06.2024	Biotic Interactions IV (Microsymbionts)	Dresselhaus
18.06.2024	Cell-Cell Communication (Plasmodesmata, Cell Walls)	Jiang
25.06.2024	Plant-Plant Interactions I (direct/indirect)	Dresselhaus
02.07.2024	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*.