

Lecture “Integrative Topics in Plant Science”

Now part of the new module M4474 Integrative Topics in Life Sciences
(<https://www.biologiestudium.hhu.de/master-biologie/m-modul-itils>)

Lecture - winter term 2023 / 2024
Fridays October 13, 2023 – February 2, 2024; 8:30 – 10:00 am

The Lecture will be held in-person: **26.24.U1.020**

Schedule

Wk	Date	Speaker	Institute	Topic
	13.10.23 8:00 am	Dr. Petra Fackendahl		Introduction (mandatory)
1	13.10.23	Prof. P. Bauer	Botany	Iron Biofortification
2	20.10.23	Prof. M. Zurbriggen	Synthetic Biology	Plant and Mammalian Synthetic biology approach for the control and understanding of cellular processes
3	27.10.23	Prof. M. Lercher	Bioinformatics	Modelling plant metabolism
4	03.11.23	Prof. B. Usadel	Biological Data Science	Plant Genomes From Assembly to Annotation
5	10.11.23	Prof. G. Grossmann	Cell and Interaction Biology	Cell polarity and morphogenesis – how cells and organs get in shape
6	17.11.23	Prof. M. Pauly	Plant Cell Biology	The plant cell wall
7	24.11.23	Dr. V. Göhre	Microbiology	The plant immune system
8	01.12.23	Dr. G. Hensel	Center for Plant Genome Engineering	Carotenoids in plant stress response
9	08.12.23	Prof. R. Simon	Developmental Genetics	The stem cell concept in plant development
10	15.12.23	Dr. F. Fichtner	Plant Biochemistry	
-	22.12.23	no lecture		
11	12.01.24	Prof. U. Armbruster	Molecular Photosynthesis	
12	19.01.24	Dr. S. Matsubara	Plant Growth and Metabolism (FZ Jülich)	
13	26.01.24	Prof. M. Feldbrügge	Microbiology	Polar growth in phytopathogens
14	02.02.24	Prof. J. Zeier	Molecular Ecophysiology of Plants	Systemic acquired resistance in plants

Exam M 4474 (Participants ITIPS, ITIC and ITIM lecture):

Wednesday, March 27, 2024, 3 – 5 pm, HS 5C, 5L