

M 4439 “Integrative Topics in Plant Science”

Lecture - SUMMER 2022

Fridays April 22 – July 8 2022; 4:30 pm – 6:00 pm

The Lecture will be held in-person. Room: lecture hall 6K (26.24.U1)

Schedule

Wk.	Date	Speaker	Institute	Topic
	22.04.22	P. Fackendahl	Introduction 3:45 pm lecture hall 6 K	
1	8. Apr. 22	No lecture		
2	22. Apr. 22	R. Simon	Developmental Genetics	The stem cell concept in plant development
3	29. Apr. 22	B. Usadel	Biological Data Science	tba
4	6. Mai. 22	S. Matsubara	Plant Growth and Metabolism (FZ Jülich)	Carotenoids in plant stress response
5	13. Mai. 22	P. Jahns	Photosynthesis and Stress Physiology of Plants	Photo-oxidative stress in plants
6	20. Mai. 22	P. Bauer	Botany	Iron Biofortification
7	27. Mai. 22	M. Zurbriggen	Synthetic Biology	Plant and Mammalian Synthetic biology approach for the control and understanding of cellular processes
8	3. Jun. 22	A. Weber	Plant Biochemistry	C4 Photosynthesis
9	10. Jun. 22	V. Göhre	Microbiology	The plant immune system
10	17. Jun. 22	B. Stich	Quantitative Genetics and Genomics of Plants	tba
11	24. Jun. 22	G. Grossmann	Cell and Interaction Biology	tba
12	1. Jul. 22	N. Linka	Plant Biochemistry	Peroxisome – a neglected, but important organelle for plant function
13	8. Jul. 22	M. Lercher	Bioinformatics	Modelling plant metabolism
14	15. Jul. 22	no lecture		

Link to slides: <https://www.igrad-plant.hhu.de/downloads-links/itips-lecture-m4439-summer-2022>

Exam: Wednesday, July 27, 2022, 9:30 – 11:30 am, lecture hall 6K (26.24.U1)