

M 4439 “Integrative Topics in Plant Science”

Lecture - winter term 2020 / 2021
Fridays October 30 – February 12; 4:30 pm – 6:00 pm

The Lecture will be held **online**. Lecturers will send the login data to participants before their lecture.

Schedule

Date	Speaker	Institute	Topic
26.10.20 10 am	Petra Fackendahl		General Introduction (online)
1 30.10.20	Prof. M. Feldbrügge	Microbiology	Polar growth in phytopathogens
2 06.11.20	Dr. V. Göhre	Microbiology	The plant immune system
3 13.11.20	Prof. L. Rose	Population Genetics	Molecular evolution of a disease resistance pathway in wild tomato
4 20.11.20	Prof. M. Pauly	Plant Cell Biology	The plant cell wall
5 27.11.20	Prof. P. Jahns	Photosynthesis and Stress Physiology of Plants	Photo-oxidative stress in plants
6 04.12.20	Dr. S. Matsubara	Plant Growth and Metabolism (FZ Jülich)	Carotenoids in plant stress response
7 11.12.20	Prof. M. Lercher	Computational Cell Biology	Modelling plant metabolism
8 18.12.20	Prof. P. Bauer	Botany	Iron Biofortification
9 08.01.21	Dr. N. Linka	Plant Biochemistry	Peroxisome – a neglected, but important organelle for plant function
10 15.01.21	Prof. A. Weber	Plant Biochemistry	C4 Photosynthesis
11 22.01.21	Prof. M Zurbriggen	Synthetic Biology	Plant and Mammalian Synthetic biology approach for the control and understanding of cellular processes
12 29.01.21	Prof. R. Simon	Developmental Genetics	The stem cell concept in plant development
13 05.02.21	Prof. G. Groth	Biochemical Plant Physiology	Plant Membrane Proteins: Molecular Motors, Sensors and Transmitters
14 12.02.21	Prof. J. Zeier	Molecular Ecophysiology of Plants	Systemic acquired resistance in plants