

Module 4439: Integrative topics in plant science

Winter term 2018 / 2019

Fridays 4:30 pm – 6:00 pm, Seminar room 26.21.01.32

Schedule

Date	Topic	Speaker	Institute
10.10. 09:15 am	General Introduction	Petra Fackendahl	
12.10.18	Modelling plant metabolism	Prof. M. Lercher	Bioinformatics
19.10.18	The plant cell wall	Prof. M. Pauly	Plant Cell Biology
26.10.18	Plant and Mammalian Synthetic biology approach for the control and understanding of cellular processes	Prof. M Zurbriggen	Synthetic Biology
02.11.18	The stem cell concept in plant development	Prof. R. Simon	Developmental Genetics
09.11.18	Carotenoids in plant stress response	Dr. S. Matsubara	Plant Growth and Metabolism (FZ Jülich)
16.11.18	Peroxisome – a neglected, but important organelle for plant function	Dr. N. Linka	Plant Biochemistry
23.11.18	C4 Photosynthesis	Prof. A. Weber	Plant Biochemistry
30.11.18	Photo-oxidative stress in plants	Prof. P. Jahns	Photosynthesis and Stress Physiology of Plants
07.12.18	Molecular evolution of a disease resistance pathway in wild tomato	Prof. L. Rose	Population Genetics
14.12.18	Polar growth in phytopathogens	Prof. M. Feldbrügge	Microbiology
11.01.19	The plant immune system	Dr. V. Göhre	Microbiology
18.01.19	Plant Membrane Proteins: Molecular Motors, Sensors and Transmitters	Prof. G. Groth	Biochemical Plant Physiology
25.01.19	Transcription factor networks involved in the regulation of metal uptake	Prof. P. Bauer	Botany
01.02.19	Systemic acquired resistance in plants	Prof. J. Zeier	Molecular Ecophysiology of Plants

Date for the written exam:

Tuesday, Feb 12 2019, 09:30 – 11:30 am, room 26.21.01.32

Documents for the lecture will be available at*:

<http://www.igrad-plant.hhu.de/de/downloads-for-members/itips-lecture.html>

*Usually the slides are uploaded on Monday after the lecture