

Plants of the Future

Organisation: Birgitt Oeser

When	Time (am)	Lecturer	Title of the Seminar
Session 1 a: Cellular and Molecular Biology of Plants			
22.11.2023	9:00 – 10:00	Antje von Schaewen	Sugars for life – from primary metabolism to subcellular localization in plant cells
06.12.2023	9:00 – 10:00	Jörg Kudla	Using genome editing for the <i>de-novo</i> domestication of novel crops for sustainable agriculture
Session 2: Plant Biotechnology and Phytopathology			
MONDAY 11.12.2023	<u>8:15.- 9:45</u>	Dirk Prüfer	Plant Biotechnology
MONDAY 18.12.2023	<u>8:15.- 9:45</u>	Bruno Moerschbacher	Molecular Plant Pathology
Session 3: Invited speaker			
10.01.2024	9:00 – 10:00	Ewald Sieverding	Arbuscular Mycorrhizal Fungi
Session 4a: Plant Physiology, Organelles and Biochemistry			
17.01.2024	9:00 – 10:00	Michael Hippler	Regulation of the proton-motive force in photosynthesis
Session 1 b: Cellular and Molecular Biology of Plants			
MONDAY 22.01.2024	<u>8:15.- 9:45</u>	Till Ischebeck	Plant lipids - Barriers, Signals and Depots
Session 4b: Plant Physiology, Organelles and Biochemistry			
31.01.2024	9:00 – 10:00	Markus Schwarzländer	The superpowers of mitochondria in plants
Session 5: Plant Evolution and Adaptation			
FÄLLT AUS		Kai Müller	Plant phylogenomics and DNA barcoding
Session 4c: Plant Physiology, Organelles and Biochemistry			
07.02.2024	9:00 – 10:00	Iris Finkemeier	Organellar retrograde signaling in plants
End of lecture series: Concluding remarks			