

SCIENCE DAY 2018

12 March, HS 2, UZA 1

09:00	Welcome		
09:15	Bernd Lenzner	Botany and Biodiversity research - Conservation Biology, Vegetation- and Landscape Ecology	Knock knock - who will be there?
09:30	Amadeo MATTIA	Center for Organismal Systems Biology - Neurobiology	The mystery and beauty of an asymmetric body
09:45	Agnes Dellinger	Botany and Biodiversity research - Structural and Functional Botany	Escaping an adaptive peak leads to reconstruction of the flower
10:00	Gabriela Paredes	Ecogenomics and Systems Biology - Archaea Biology and Ecogenomics	Take my breath away! Hypoxia enhances sulfur-driven chemosynthesis in nematode symbionts
10:15	Maria Pinto	Limnology & Bio-Oceanography - Marine Biology and Bio-Oceanography	Different plastic types support the establishment of different bacterial assemblages in the North Adriatic Sea
10:30	Coffee Break 1		
11:15	Daniel Schaber	Botany and Biodiversity research – Tropical field station La Gamba	The tropical field station La Gamba - the farthest outpost of the University of Vienna
11:30	Key Note Bernd Blasius	University Oldenburg, Germany	Quantifying Marine Bioinvasion: spreading dynamics in the global shipping network, historical trends, and anticipated changes in the future
12:30	Lunch		
13:45	Margret Eckhard	Cell Imaging and Ultrastructure Research - Cellphysiology/Ecology	A fast preservation technique of <i>Physcomitrella patens</i> for element analysis in the electron microscope
14:00	Lisa Fürtauer	Ecogenomics and Systems Biology - Molecular Systems Biology	Subcellular rearrangement of plant metabolism in a changing environment
14:15	Andreas Denner	Center for Organismal Systems Biology - Molecular Evolution and Development	Searching for stem cells in the early branching metazoan <i>Nematostella vectensis</i>
14:30	André Luiz de Oliveira	Center for Organismal Systems Biology - Integrative Zoology	Key components of the neuropeptide signaling pathway involving the eclosion hormone are found throughout the Metazoa

14:45	Arindam Ghatak	Ecogenomics and Systems Biology - Molecular Systems Biology	Tissue-specific proteome analysis of drought stress response in pearl millet
15:00	Coffee Break 2		
15:45	Huiying Shang	Botany and Biodiversity research - Systematic and Evolutionary Botany	Ancestral variation and gene flow impact on gene trees and phenotypes in Populus
16:00	Verena Pühringer-Sturmayr	Center for Organismal Systems Biology - Behavioural Biology	Social behaviour and habitat choice in the Northern Bald Ibis
16:15	Claudia Schütz	Botany and Biodiversity research - Tropical Ecology and Animal Biodiversity	Vienna city life - habitat requirements of birds in urban green spaces
16:30	Christian Blum	Center for Organismal Systems Biology – Cognitive Biology	Vocal traditions in common ravens
16:45 After 15.30! Last!	KS Duffett Carlson	Center for Organismal Systems Biology - Anthropology	A biomechanical perspective on understanding facial variation, occlusal variables, and dietary transitions: trabecular architecture of the human mandible
17:30	Snacks & Drinks, Live Music, Award ceremony		