

SCIENCE DAY BIOLOGY 2019

12 March, HS 2, UZA 1

09:15	Welcome Ingeborg Lang	Functional Ecology	
09:30	Vildana Suljevic (PhD)	Botany and Biodiversity research – Systematic and Evolutionary Botany	“Diversity and genome evolution of chili peppers (the genus <i>Capsicum</i> , Solanaceae)” (<u>Schneeweiss H., Lexer</u>)
09:45	Victoria Oberreiter (MA)	Center for Organismal Systems Biology – Evolutionary Anthropology	“Population genetics of autoimmune diseases: Identifying pathways under natural selection in Systemic Lupus Erythematosus and Rheumatoid Arthritis” (Schäfer)
10:00	Katharina Petschinger (MA)	Functional Ecology – Cell Imaging and Ultrastructure Research	“Are heavy metal tolerant mosses defined by their cell shapes?” (<u>Lang, Lichtscheidl</u>)
10:15	Julia Steger (PhD)	Center for Organismal Systems Biology – Molecular Evolution and Development	“A developmental time course of cell type diversity in <i>Nematostella vectensis</i> ” (Technau)
10:30	Sebastian Decker (MA)	Center for Organismal Systems Biology – Integrative Zoology	“Life cycle and morphology of a new bryozoan species from the Mediterranean Sea” (Wanninger)
10:45	Coffee Break		
11:30	Johannes Herpell (PhD)	Functional Ecology – Molecular Systems Biology	“Life on a Leaf - Key strategies for plant growth promotion combined in the genome of a novel <i>Paraburkholderia</i> sp., an inhabitant of the potato yam phyllosphere” (Weckwerth)
11:45	Arno Cimadom (PhD)	Center for Organismal Systems Biology - Behavioural Biology	“Host-parasite dynamics: Darwin’s finches and the invasive ectoparasite, <i>Philornis downsi</i> “ (Millesi)
12:00	Lukas Waltenberger (PhD)	Center for Organismal Systems Biology – Theoretical Biology	“Are parturition scars truly signs of birth: A geometric morphometric approach” (<u>Mitteröcker, Müller</u>)
12.15	Vedrana Slipogor (PhD)	Center for Organismal Systems Biology – Cognitive Biology	“Personality traits in common marmosets” (Bugnyar)
12:30	Lunch		

13:30	Barbara Waringer (PhD)	Botany and Biodiversity Research – Tropical Ecology and Animal Biodiversity	“What does affect clutch predation risk in Capercaillie? A large-scale experiment in the Austrian Alps” (<u>Schulze</u> , Fiedler)
13:45	Nikola Krlovic (MA)	Functional Ecology – Limnology	“Assessing the impacts of a large cultural event on a riverine environment” (<u>Schagerl</u> / <u>Schelker</u> , Griebler)
14:00	Sinje Neukirchen (PhD)	Functional Ecology – Archaea Biology and Ecogenomics	“Distribution of dissimilatory sulfate reduction genes shed light into sulfate reduction in Archaea” (<u>Sousa</u> , Schleper)
14:15	Sebastian Schneider (PhD)	Functional Ecology – Molecular Systems Biology	“What is the role of sulfur for symbiotic nitrogen fixation?” (<u>Wienkoop</u> , Weckwerth)
14:30	Coffee Break		
15:15	Meriel Bittner (MA)	Functional Ecology – Marine Biology and Bio-Oceanography	“Biogeography of Euryarchaeota in the Pacific” (Herndl)
15:30	Karina Reiter (MA)	Botany and Biodiversity Research – Conservation Biology, Vegetation- and Landscape Ecology	“Modelling the effect of biomass appropriation for human use on global biodiversity” (Dullinger)
15:45	Aglaia Szukala (PhD)	Botany and Biodiversity Research – Systematic and Evolutionary Botany	“Convergent and adaptive processes during initial phases of speciation” (<u>Paun</u> , Lexer)
16:00	Dominik Javorski (PhD)	Center for Organismal Systems Biology – Neurobiology	“Yes they can! Structural plasticity in the adult Drosophila brain” (Hummel)
16:15	Coffee Break - short		
16:30	Key Note Dr Pawel Burkhardt	Sars International Centre for Marine Molecular Biology, Bergen, NORWAY	“The evolutionary origin of synaptic signalling machinery and animal cell differentiation”
17:30	Snacks & Drinks Music and video installation “Regnum plantae – chlorophyta” (scientific film), CIUS		