

# Science Day 2014

01 July ::: HS1 UZA1

08:45	Welcome			
	<b>Session 1</b>		<b>Chair:</b> Yannik Stadler	Abstract
09:00	Daniela Praher	Molecular Evolution and Development	Evolution of post-transcriptional regulation by miRNAs: insights from cnidarians	A1
09:15	Abhishek Kulkarni	Neurobiology	Seeing colors is believing: Developmental mechanisms controlling Drosophila colour vision circuit	A2
09:30	Sophie Greistorfer	Cell Imaging and Ultrastructural Research	Variations in the gland cells of the pedal surface in <i>Helix pomatia</i> , <i>Cepaea hortensis</i> and <i>Arion vulgaris</i> – A COMPARISON	A3
09:45	Maximilian Nepe	Botany and Biodiversity Research	High Biodiversity and Low Specificity of Chaetothyrialean Fungi on Carton Galleries in a Neotropical ant-plant association	A4
10:00	Coffee break			
	<b>Session 2</b>		<b>Chair:</b> Sonja Windhager	
10:30	Matthias Nemeth	Behavioural Biology	Interaction of unsaturated fatty acids and the physiological and behavioral stress response in guinea pigs	A5
10:45	Lena Pflüger	Anthropology	A COMT haplotype of semi-wild Japanese macaques associated with increased levels of faecal cortisol during mating season	A6
11:00	Nikolaus Leisch	Archaea Biology and Ecogenomics	Be fruitful and multiply! – Reproduction in the <i>E. fertilis</i> symbiosis	A7
	<b>Guest Lecture</b>			
11:15	Gaspar Jekely	Max-Planck-Institute for Developmental Biology, Tübingen	Neurobiology of marine zooplankton and early evolution of neural circuits"	
12:00	<b>Lunch</b>			
	<b>Session 3</b>		<b>Chair:</b> Jörg Massen	
13:15	Barbara Bayer	Oceanography	Phylogenetically closely related Thaumarchaeota exhibit putatively different life styles	A8
13:30	Simon Vitecek	Limnology	Molecular methods and comparative morphology - an unholy union serving the greater good in cryptic species and carnivorous caddisflies	A9
13:45	Mauricio Martins	Cognitive Biology	Language Evolution and Recursion: An empirical investigation of human hierarchical processing	A10
14:00	Martina Stocker	Cognitive Biology	Who's nervous? Social integration predicts stress response in ravens	A11
14:15	Coffee break			
	<b>Session 4</b>		<b>Chair:</b> Iva Kelava	
14:45	Thomas Mang	Botany and Biodiversity Research	Modelling sparsely observed biological invasions	A12
15:00	Hannes Dörfler	Molecular Systems Biology	A metabolomics platform for structural elucidation of unknown secondary metabolites	A13
15:15	Tim Peterson	Theoretical Biology	Comparing developmental biomechanics with finite element	A14

			analysis	
15:30	Florian Karolyi	Integrative Zoology	Time management and nectar flow: flower handling and suction feeding in long-proboscid flies (Nemestrinidae: Prosoeca)	A15
15:45	Coffee Break			
	<b>Guest Lecture</b>			
16:15	Victor Smetacek	Alfred Wegner Institute, Bremen	Making sense of plankton: evolution and diversity of plankton compared to terrestrial animals	
17:00	<b>Awards Ceremony</b>			

