



**I
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Training Group of the
SFB 944



IRTG Retreat 2021

Borkum

03.11.2021 to 06.11.2021

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Program

Wednesday, 3. November 2021

16:45	Departure ferry from Emden harbor to Borkum harbor
18.55	Arrival at Borkum harbor and transfer to Borkum City
19:15	Registration and room distribution at Hotel Kachelot
20:15	Welcome Dinner at Hotel Kachelot

Thursday, 4. November 2021

7:00 - 8:10	Breakfast at Hotel Kachelot
8:20 - 8:30	Opening Remarks
Session I (Chair: Isabelle Watrinet)	
8:30 - 9:10	Keynote: Sharon Tooze (Francis Crick Institute, London): <i>Regulation of Mammalian autophagy: The role of the ULK kinase</i>
9:10 - 9:30	Ann-Christin Borchers (Biochemistry): <i>Functional analysis of the trimeric Mon1-Ccz1-Bulli Rab7-GEF</i>
9:30 - 9:50	Maren Janz (Zoology/Developmental Biology): <i>A trimeric Rab7 GEF complex is necessary for endosomal maturation in Drosophila nephrocytes</i>
9:50 - 10:10	Eric Herrmann (Structural Biology, Münster): <i>Structure of Mon1-Ccz1: differential targeting mechanism for activation of a RabGEF</i>
10:10 - 10:30	Coffee Break

Session II (Chair: Sophie Grziwa)	
10:30 - 11:10	Keynote: Dagmar Wachten (University Bonn): <i>Shedding light on ciliary signaling and function</i>
11:10 - 11:30	Tolulope Sokoya (Molecular Cell Biology): <i>Perturbation of sphingomyelin asymmetry and subcellular sterol distribution by pathogenic SMS2 variants</i>
11:30 - 11:50	Carolyn Körner (Molecular Membrane Biology): <i>In vitro characterization of the serine palmitoyltransferase in <i>S. cerevisiae</i></i>
12:00 - 13:00	Lunch at the Kulturinsel Borkum
13:00 - 13:25	Flash Poster Presentations I
Session III (Chair: Michael Philippi)	
13:25 - 14:05	Keynote: Aymelt Itzen (UKE Hamburg): <i>A biochemical approach to the understanding of post-translational modifications during bacterial infections</i>
14:05 - 14:25	Stevanus Listian (Molecular Infection Biology): <i>Impact of host cell lipid flows on mycobacterial infection</i>
14:25 - 14:45	Aby Anand (Molecular Infection Biology): <i>Induction of membrane contact sites and manipulation of host lipid transfer proteins by pathogenic mycobacteria</i>
15:10 - 16:45	Social Activity: Hiking tour to seals starting at Hotel Kachelot
17:00 - 18:30	Poster Session I & Beverages
18.30 - 19:15	Meet the Speaker Sharon A. Tooze, Dagmar Wachten, Aymelt Itzen (Speakers and PhD Students only)
19:45	Dinner followed by a Pub-Quiz at Hotel Kachelot

Friday, 5. November 2021

7.00 - 8:20	Breakfast at Hotel Kachelot
Session IV (Chair: Pascal Felgner)	
8:30 - 9:10	Keynote: Martin Aepfelbacher (UKE Hamburg): <i>Live cell and super-resolution microscopy of bacterial protein translocation pores</i>
9:10 - 9:30	Lena Lüken (Microbiology): <i>Uncovering potential new adhesins of Salmonella enterica serovar Infantis</i>
9:30 - 9:50	Benedikt Pauli (Ecology): <i>Does auxotrophy trigger cell-cell attachment, which facilitates cross-feeding in bacteria?</i>
10:10 - 10:30	Coffee Break
Session V (Chair: Jimmy Villalta)	
10:10 - 10:50	Keynote: Margret Bülow (University of Bonn): <i>Organelle communication in neuron function and physiology</i>
10:50 - 11:10	Marina Rierola (Neurobiology): <i>Tau modulates microtubule and transport dynamics in the dendritic compartment of neurons</i>
11:10 - 11:30	Daniel Bisinski (Cellular Communication): <i>Cvm1, a novel component of multiple vacuolar contact sites</i>
11:30 - 11:55	Flash Poster Presentations II
12:00 - 13:00	Lunch at the Kulturinsel Borkum
13:00 - 14:30	Poster Session II & Beverages
14:30 - 16:30	Free time for social activity in small groups

Session VI (Chair: Lioba Winkler)	
16:30 - 17:10	Keynote: Rifka Vlijm (University of Groningen): <i>Live cell STED microscopy</i>
17:10 - 17:30	Thomas Meyer (Biophysics): <i>Regulation of JAK activation by the membrane environment</i>
17:30 - 17:50	Annika Buhr (Zoology/Developmental Biology): <i>Neprilysins maintain heart function via cleavage of SERCA-inhibitory micropeptides</i>
18:00 - 18:40	Meet the Speaker Martin Apfelbacher, Margret Bülow, Rifka Vlijm (Speakers and PhD Students only)
19:15	Dinner followed by Get-together at Hotel Kachelot

Saturday, 6. November 2021

7.00 - 8:20	Breakfast at Hotel Kachelot
Session VII (Chair: Samira Klössel)	
8:30 - 9:10	Keynote: Stefan Linder (UKE Hamburg): <i>Compartmentalized adhesion and phagocytosis in human macrophages</i>
9:10 - 9:30	Jonas Olbrich (Zoology/Developmental Biology): <i>The role of the APC/C adaptor Fzr on the dynamics of myoblast fusion</i>
9:30 - 9:50	Christian Meyer (Zoology/Developmental Biology): <i>Membranous cellular compartments in specialized heart cells</i>
9:50 - 10:10	Coffee Break

Session VIII (Chair: Lara Jorde)	
10:10 - 10:50	Keynote: Martin Graef (MPI for Biology of Ageing): <i>Mechanisms and physiological functions of autophagy</i>
10:50 - 11:10	Cilian Kock (Botany): <i>The Pivotal Role of Glutathione for Redox Plasticity in Marchantia polymorpha development and stress response</i>
11:10 - 11:30	Jens Koczula (Botany): <i>MpTGA, together with MpNPR, is essential for induction of sexual tissues in the liverwort Marchantia polymorpha</i>
11:30 - 12:15	Meet the Speaker Stefan Linder, Martin Graef (Speakers and PhD Students only)
12:15 - 12:25	Closing remarks

12:25 - 15:30	Check out and free time
15:30	Transfer from Borkum City to Borkum harbor
15:45	Departure ferry from Borkum to Emden
17:40	Arrival at Emden harbor

Poster Index

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Bianca Esch	4	Nadia Füllbrunn	3
Felix Scharte	6	Nataliya Trushina	5
Hauke Winkelmann	8	Rico Franzkoch	7
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