

FRIAS Black Forest Winter Conference on
Autophagic Membrane Trafficking & Dynamics in Ageing and Disease
Jan 29th-31st, 2016

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| Thursday, Jan. 28 th | |
| Until 18:00 | Arrival and registration |
| 18:30 – 20:00 | Dinner |
| 20:00 – 22:00 | Welcome; Poster Session I with <i>welcome cocktail</i> |
| Friday, Jan. 29 th | |
| 8:00 – 9:00 | Young Scientists: meet the editor; what are scientific journals looking for? |
| 9:00 – 11:30 | Session 1: Autophagosome formation (chair F. Madeo) |
| 9:00 – 9:30 | (1) Sharon Tooze: <i>Molecular mechanisms of autophagosome formation</i> |
| 9:30 – 10:00 | (2) James Hurley: <i>Structural insights into autophagy initiation</i> |
| 10:00 – 10:30 | (3) Patrice Codogno: <i>Plasma membrane domains and autophagy initiation</i> |
| 10:30 – 11:00 | Coffee Break |
| 11:00 – 11:30 | (4) Tassula Proikas-Cezanne: <i>WIPI proteins in autophagy, health and disease</i> |
| 11:30 – 12:50 | Session 2: Perturbation of vesicle trafficking by bacterial toxins (chair K. Aktories) |
| 11:30 – 12:00 | (5) Craig Roy: <i>Manipulation of host autophagy by bacterial effector proteins</i> |
| 12:00 – 12:30 | (6) Serge Mostowy: <i>Bacterial autophagy and the cytoskeleton in host defence</i> |
| 12:30 – 12:40 | Short talk 1, Bob Murphy: <i>Distinguishing punctate protein patterns using generative models of their relationship to cell architecture and microtubules</i> |
| 12:40 – 12:50 | Short talk 2, Kathrin Thedieck: <i>Systems modelling identifies novel amino acid responsive hubs in the mTOR network</i> |
| 12:50 – 13:30 | Lunch |
| 13:30 – 17:00 | Ski Break / proteomics work shop |
| 17:30 – 19:00 | Session 3: Mitophagy in ageing and disease (chair S. Eimer) |
| 17:30 – 18:00 | (7) Hagai Abeliovich: <i>Mechanisms of selectivity during stationary phase mitophagy in <i>S. cerevisiae</i></i> |
| 18:00 – 18:30 | (8) Richard Youle: <i>How autophagy machinery is activated and recruited downstream of Parkin ubiquitination of mitochondria</i> |
| 18:30 – 19:00 | (9) Nektarios Tavernarakis: <i>Mitophagy and mitochondrial homeostasis during ageing</i> |
| 19:30 – 20:30 | Dinner |
| 20:30 – 21:30 | (10) Keynote Lecture, Daniel J. Klionsky: <i>The mechanism and regulation of macroautophagy in yeast</i> |
| Saturday, Jan. 30 th | |
| 8:00 – 9:00 | Young Scientists: how to choose a good lab for a postdoc and career planning (academia and industry) |
| 9:00 – 10:30 | Session 4: Autophagy and translational medicine (chair T.B. Huber) |
| 9:00 – 9:30 | (11) David Rubinsztein: <i>Autophagy and Neurodegeneration</i> |
| 9:30 – 10:00 | (12) Marco Sandri: <i>t.b.a.</i> |
| 10:00 – 10:30 | (13) Pierre-Louis Tharaux: <i>Angiotensin II contributes to podocyte injury and glomerulosclerosis by modulating autophagy</i> |
| 10:30 – 11:00 | Coffee Break |
| 11:00 – 12:30 | Session 5: Autophagy and metabolism (chair G.M. Fimia) |
| 11:00 – 11:30 | (14) Frank Madeo: <i>Polyamine metabolism and the regulation of autophagy</i> |
| 11:30 – 12:00 | (15) Guido Kroemer: <i>Metabolic control of (and by) autophagy</i> |

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| 12:00 – 12:30 | (16) Alexander van der Bliek: <i>t.b.a</i> |
| 12:30 – 13:30 | <i>Lunch</i> |
| 13:30 – 17:00 | <i>Ski Break / electron microscopy work shop</i> |
| 17:30 – 18:50 | Session 5 (continued) (chair A. Leibfried) |
| 17:30 – 18:00 | (17) Patricia Boya: <i>Autophagy and neuronal homeostasis</i> |
| 18:00 – 18:10 | Short talk 3, Tobias Eisenberg: <i>Lipid metabolism in the crosstalk of autophagy and ageing</i> |
| 18:10 – 18:20 | Short talk 4, Björn Stork: <i>Characterization of the protein-protein interactions between ATG13 and ULK1, RB1CC1 and ATG101</i> |
| 18:20 – 18:30 | Short talk 5, Christian Behrends: <i>TECPR2 cooperates with LC3C to regulate COPII dependent ER export</i> |
| 18:30 – 18:40 | Short talk 6, Devrim Gozuacik: <i>Discovery and characterization of novel ATG5 interactors and autophagy regulators</i> |
| 18:40 – 18:50 | Short talk 7, Tillmann Bork: <i>Role of Beclin 1 in proximal tubular cell apoptosis</i> |
| 19:00 – 20:30 | Poster session II |
| 20:30 | <i>Conference Dinner</i> |
| Sunday, Jan. 31 st | |
| 8:00 – 9:00 | <i>Breakfast</i> |
| 9:00 – 11:00 | Session 6: Molecular mechanisms of autophagy (chair J. Dengjel) |
| 9:00 – 9:30 | (18) Ivan Dikic: <i>Selective Autophagy via Ub dependent and independent pathways</i> |
| 9:30 – 10:00 | (19) Gian Maria Fimia: <i>The role of Ambra1 in the regulation of autophagy by the ubiquitin signaling</i> |
| 10:00 – 10:30 | (20) Tamotsu Yoshimori: <i>Mechanistic Insights into Membrane Dynamics in Autophagy</i> |
| 10:30 – 11:00 | (21) Sascha Martens: <i>Mechanisms of selective autophagy</i> |
| 11:00 – 11:30 | <i>Closing remarks and farewell coffee</i> |