Ubiquitin: One Traveler, Two Roads

SignGene Symposium on Ubiquitin in Protein Homeostasis and Autophagy

Neuruppin, September 01 - 03, 2017
Venue: Resort Mark Brandenburg

Conference Program

Friday, Sep 01, 2017
Session I: Neurodegeneration and Autophagy
Session Chair: tba

09:00 – 09:10 Welcome by the Organizers
   Michael Glickman (Technion, Haifa, Israel),
   Thomas Sommer (MDC & HU, Berlin, Germany)

09:10 – 09:50 David Rubinsztein (CIMR, University of Cambridge, UK)
   Autophagy and neurodegeneration

09:50 – 10:30 Anne Bertolotti (MRC, Cambridge, UK)
   Surviving protein quality control failure and neurodegeneration

10:30 – 11:10 Janine Kirstein (FMP, Berlin, Germany)
   Proteostasis network analysis and its capacity in amyloid remodelling

11:10 - 11:30 Coffee break
11:30 – 12:10  Michael Rape (UC Berkeley, USA)
The role of ubiquitin-dependent protein quality control in preventing neurodegeneration

12:10 – 12:50  Richard Youle (NIH/NINDS, Bethesda, USA)
Role of ubiquitin and Rabs in autophagosome morphogenesis during mitophagy

13:00 – 14:00  Lunch break

14:00 – 15:30  Networking time

15:30 – 16:10  Claudio Joazeiro (ZMBH, Heidelberg, Germany)
Ribosome-Associated Quality Control (RQC)

16:10 – 16:35  Christian Lips (MDC, Berlin, Germany)
Protein Quality Control in the Nucleus - Analysis of the Asi Complex

16:35 – 17:15  Ze’ev Ronai (Technion, Haifa, Israel & Sanford Burnham, La Jolla, USA)
Control of melanoma development by coordinated regulation of a gut microbiota composition and immune checkpoint activity by the ubiquitin ligase RNF5.

17:15 – 17:40  Coffee break

17:40 – 18:20  Katrin Rittinger (Francis Crick Institute, London, UK)
TRIM E3 ligases and their role in the regulation of immune signalling

18:20 – 19:00  Brenda Schulman (St. Jude, USA)
Ubiquitin ligation in cell cycle control: from structure to function
09:00 – 09:10  Graduation Ceremony

09:10 – 09:50  Volker Dötsch (Goethe University, Frankfurt, Germany)
Chain assembly and disassembly processes differently affect the conformational space of ubiquitin chains

09:50 – 10:15  Lukas Pluska (MDC, Berlin, Germany)
Function of Ubc1 UBA-domain in polyubiquitin chain synthesis

10:15 – 10:55  Thorsten Hoppe (University of Cologne, Germany)
Ubiquitin sets the timer: Coordination of aging and protein homeostasis

10:55 – 11:15  Coffee break

11:15 – 11:55  Clemens Schmitt (MDC & Charité, Berlin, Germany)
Dissecting and Targeting Proteotoxic Stress in Therapy-Induced Senescence

11:55 – 12:35  Carina Holmberg-Still (University of Helsinki, Finland)
Proteasome Regulators in Health and Disease

12:45 – 13:45  Lunch break

14:00 - 17:00  Bike and canoe tour

17:00 – 17:30  Coffee break
17:30 – 18:10  Amir Orian (Technion, Haifa, Israel)  
*Supervising the differentiated identity of cells by Ubiquitin*

18:10 – 18:50  Yinon Ben Neriah (Hebrew University, Jerusalem, Israel)  
*CKIα inhibitors as anti-leukemia agents*

18:50 – 19:30  Claus Scheidereit (MDC, Berlin, Germany)  
*Posttranscriptional mechanisms of IKK/NF-κB driven inflammatory gene expression*
Sunday, Sep 03, 2017

Session V: Proteolytic Pathways

Session Chair: tba

09:00 – 09:40  
Blanche Schwappach (Göttingen University, Germany)  
Complementary roles of the GET pathway in the targeting and degradation of client proteins

09:40 – 10:20  
Oliver Rocks (MDC, Berlin, Germany)  
ARHGAP36 dependent endolysosomal degradation of PKA

10:20 – 10:40  
Coffee break

10:40 – 11:20  
Anne Simonsen (University of Oslo, Norway)  
Regulation of autophagy by lipid-binding proteins

11:20 – 12:00  
Ivan Dikic (Goethe University, Frankfurt, Germany)  
Regulation of endoplasmatic reticulum turnover via selective autophagy

12:00 – 12:10  
Closing remarks by the Organizers

12:15 – 13:15  
Lunch break

13:30  
Bus to Berlin