

25th April 2018

7:45 – 8:45 Registration and poster installation

8:45 – 9:00 Welcome 8th Workshop on Proteasomes & Autophagy

9:00 – 18:30 Session 1: Proteasomes, Structure & Function

9:00 – 9:30 **Daniel Finley**, Harvard Medical School, Boston, U.S.A.

Reciprocal regulation between Ubp6 and the proteasome

9:30 – 10:00 **Keiji Tanaka**, Tokyo Metropolitan Institute of Medical Science, Japan

Spatio-temporal dynamics of human proteasomes in stress responses

10:00 – 10:15 **Gerhard H. Braus**, Germany (*Selected communication*)

COP9 signalosome and the lid of the proteasome in multicellular fungi

10:15 – 10:45 **Coffee break**

10:45 – 11:15 **Richard D. Vierstra**, Washington University in St Louis, U.S.A.

26S Proteasome Levels are Dynamically Controlled by Autophagic Clearance and Sequestration into Proteasome Storage Granules

11:15 – 11:45 **Michael Groll**, Technical University of Munich, Germany

Inhibition of the immunoproteasome: a structural approach

11:45 – 12:00 **Shigeo Murata**, Japan (*Selected communication*)

How cells respond to proteasome impairment

12:00 – 13:45 **Lunch**

13:45 – 15:00 Poster session

15:00 – 15:45 **Wolfgang Baumeister**, Max-Planck-Institute of Biochemistry, Martinsried, Germany

Key Lecture: Structural Studies of Proteasomes ex situ and in situ

15:45 – 16:15 **Marcus Groettrup**, University of Konstanz, Germany

New applications and approaches for immunoproteasome inhibition

16:15 – 16:30 **Eva M. Huber**, Germany (*Selected communication*)

Structural and biochemical studies on the mammalian proteasome activator PA28b

16:30 – 17:00 Coffee break

- 17:00 – 17:30 **Andreas Martin**, University of California, Berkeley, U.S.A.
Step-by-step Illumination of Proteasome Degradation and Conformational Changes
- 17:30 – 18:00 **Alfred L Goldberg**, Harvard Medical School, Boston, U.S.A.
Regulation of 26S Proteasome Function in Normal and Disease States
- 18:00 – 18:15 **Carina L. Holmberg** (*Selected communication*)
Tissue variations in proteasome regulation and links to potential prognostic marker roles in gastrointestinal cancers
- 18:15 – 18:30 **Alexei Kisselev**, U.S.A (*Selected communication*)
Targeting β 2 sites of the proteasome for the treatment of cancer
- 19:00 - Social event and visit of Clermont-Ferrand

April 26th, 2018

8:30 – 18:15 **Session 2: Ubiquitination, Deubiquitination and Ub-like modifications**

- 8:30 – 9:00 **Allan M Weissman**, National Cancer Institute, Frederick, U.S.A.
Modulating RING-Mediated Ubiquitination through Backside Binding to E2s
- 9:00 – 9:30 **Danny Huang**, Cancer Research UK Beatson Institute, Glasgow, United Kingdom
Selective targeting of RING and U-box ubiquitin ligases
- 9:00 – 9:45 **Avital Eisenberg-Lerner**, Israel (*Selected communication*)
Golgi-localized degradation mediates the golgi stress response
- 9:45 – 10:00 **Shenhav Cohen**, Israel (*Selected communication*)
Phosphorylation by GSK3-B promotes depolymerization of ubiquitinated desmin filaments by calpain-1, myofibril loss and atrophy
- 10:00 – 10:30 Coffee break
- 10:30 – 11:00 **Simon S Wing**, McGill University, Montreal, Canada
USP19 modulates metabolism in vivo through regulation of the glucocorticoid receptor

11:00 – 11:30 **Sylvie Urbe**, Institute of Translational Medicine, Liverpool, United Kingdom
Linking location and function in DUB space

11:30 – 11:45 **Mareike S. Poetsch**, Germany (*Selected communication*)
USP5 is indispensable for proteostasis in aggregation-prone tissues

11:45 – 12:00 **Gerald Gavory**, United Kingdom (*Selected communication*)
Discovery and development of first-in-class USP19 inhibitors

12:00 – 13:45 **Lunch**

13:45 – 15:30 **Poster session**

15:30 – 16:00 **Katrin Rittinger**, Francis Crick Institute, London, United Kingdom
TRIM E3 ligases and their role in the regulation of immune signaling

16:00 – 16:30 **Alfred Vertegaal**, Leiden University Medical Center, Netherlands
Uncovering Dynamic Small Ubiquitin-like Modifier Signaling Networks

16:30 – 17:00 **Coffee break**

17:00 – 17:30 **John Christianson**, Ludwig Institute for Cancer Research, Oxford, United Kingdom
Beyond ERAD: Expanding roles for ER-resident E3 ubiquitin ligase complexes

17:30 – 18:00 **Rachel Klevit**, University of Washington, Seattle, U.S.A.
The function of BARD1, BRCA1's "little sister," in histone ubiquitylation and transcriptional regulation

18:00 – 18:15 **Giovani Benard**, France (*Selected communication*)
Regulation of the mitochondrial metabolism by the UPS

20:00 - **Gala Dinner**

April 27th, 2018

8:30 – 15:30 **Session 3: Autophagy**

8:30 – 9:00 **Ivan Dikic**, University Hospital Frankfurt, Germany
Regulation of endoplasmic reticulum turnover via selective autophagy

8TH PROTEASOME & AUTOPHAGY CONGRESS 25-27 APRIL 2018

- 9:00 - 9:30 **Patrice Codogno**, Université Paris Descartes, Paris, France
Autophagy in membrane dynamics and cognitive performance
- 9:30 - 9:45 **Zsolt Lakatos**, Hungary (*Selected communication*)
Drosophila Sec20 regulates autophagy and endocytosis independently of the Golgi-to-ER retrograde transport
- 9:45 – 11:00 **Coffee break & Poster Session**
- 11:00 – 11:30 **Marco Sandri**, Venetian Institute of Molecular Medicine, Padova, Italy
New players of protein breakdown in muscle
- 11:30 – 11:45 **Robin Ketteler**, United Kingdom (*Selected communication*)
ULK1 phosphorylates and inhibits the activity of ATG4B
- 11:45 – 12:00 **Anne-Catherine Maurin**, France (*Selected communication*)
The GCN2 kinase activates early events of autophagy
- 12:00 – 13:30 **Lunch**
- 13:30 – 14:00 **Sharon Tooze** Francis Crick Institute, London, United Kingdom
Initiation of mammalian autophagy
- 14:00 – 14:30 **Tassula Proikas-Cezanne**, Department of Molecular Biology, University of Tuebingen, Germany
Regulating autophagy: PI3P, WIPI and friends'
- 14 :30 – 14 :45 **Ludwig Eichinger**, Germany (*Selected communication*)
ATG16 mediates the autophagic degradation of the 19S proteasomal subunits PSMD1 and PSMD2
- 14 :45 – 15 :00 **Han-Ming Shen**, Singapore (*Selected communication*)
Cullin 4 RING E3 ligases (CRL4S) targets WIPI2 for poly-ubiquitination and proteasomal degradation and autophagy suppression during mitosis
- 15:00 – 15:30 **Best poster prizes & Goodbye**