

International Autophagy Conference

Organized by Norwegian, German and UK
Autophagy Networks

25-28 May, 2026

Holmen Fjordhotell, Oslo, Norway



Organizers:

Anne Simonsen, Ivan Đikić, Sharon Tooze,
Harald Stenmark, Tassula Proikas-Cezanne and Ian Ganley

Organizing committee: Alf Håkon Lystad, Nathalia Chica, Samuel Rodgers,
Katharina Vestre, Tor Erik Rusten, Jorrit Enserink

Management team: Julia Lau, Martin Gullaksen Haugland



MONDAY, MAY 25TH

11.00-13.00 Registration

11.30-13.00 Lunch

13.00-13.15 Opening and Welcome (*Anne Simonsen*)

Session I Autophagy – from molecules to functions (*Chair Ivan Dikic*)

13.15-13.30 **Sharon Tooze**, The Francis Crick Institute, UK
Molecular function of WIPI proteins in Autophagy

13.35-13.50 **Christian Behrends**, LMU, DE
Ubiquitin-mediated regulation of lysosomal damage response

13.55-14.10 **Viola Nähse**, University of Tromsø, NO
Structural basis for ATP hydrolysis-driven membrane constriction by DFCP1

14.15-14.30 **Amos Liang**, University of Dundee, UK
Genome-wide CRISPR-activation screen uncovered Roles of ER-phagy during Epithelial-Mesenchymal Transition

14.35-14.50 **Helene Knævelsrud**, University of Oslo, NO
Termination of autophagy

14.55-15.10 **Brenda Schulman**, MPI of Biochemistry, DE
Structural Insights into Degradation Pathways

15.15-16.00 *Coffee break and check-in*

Session II Selectivity in Autophagy (*Chair Sharon Tooze*)

16.00-16.15 **Terje Johansen**, University of Tromsø, NO
NBR1 shuttles between the cytoplasm and nucleus and is essential for nuclear p62 body formation

16.20-16.35 **Alexandra Stolz**, GU Frankfurt, DE
Selective Induction of ER-phagy by GPCRs

16.40-16.55 **Simon Wilkinson**, University of Edinburgh, UK
FAM134B/C clustering at contact sites with cytoplasmic, phase-separated degradative assemblies controls cellular morphology

17.00-17.15 **Jorrit Enserink**, University of Oslo, NO
Single Cell Analysis of Autophagy Responses in Yeast (SCAARY) Reveals Novel Mechanisms that Control Population Synchrony and Heterogeneity

17.20-17.35 **Rupert Beale**, The Francis Crick Institute, UK
Mechanisms and purposes of CASM

17.40-17.55 **Harald Stenmark**, University of Oslo, NO
Cellular response to lysosome damage

18.30-20.00 *Dinner*

20.00-22.30 **Poster session I (odd numbers) with bar**

TUESDAY, MAY 26TH

Session III	Organelle turnover and Autophagy (Chair Harald Stenmark)
09.00-09.30	Keynote Lecture: Wade Harper , Harvard University, USA <i>Proteomic Exploration of the Endolysosomal System</i>
09.35-09.50	Evandro Fei Fang , Akershus University Hospital, NO <i>Turning up the mitophagy signalling to treat Alzheimer's disease and achieve healthy ageing: mechanisms, biomarkers, and clinical trials</i>
09.55-10.10	Ian Ganley , University of Dundee, UK <i>Balancing mitophagy: a role for AMPK</i>
10.15-10.30	Gerhard Hummer , MPI of Biophysics, DE <i>Autophagy Initiation Caught in the Act in Molecular Simulations</i>
10.35-10.45	Anja Bremm , GU Frankfurt, DE <i>USP34 regulates mitophagy via MIX23-dependent activation of PINK1</i>
10.50-11.30	<i>Coffee break</i>
Session IV	Trafficking in Autophagy (Chair Tassula Proikas-Cezanne)
11.30-11.45	Florian Wilfing , MPI of Biophysics, DE <i>Cryo-electron tomography of cellular quality control</i>
11.50-12.05	Sylvie Urbe , Liverpool, UK <i>Diverse mitophagy routes under the control of mitochondrial import and ubiquitylation</i>
12.10-12.25	Christian Münch , Goethe University, DE <i>Autophagosomes in unconventional places</i>
12.30-12.40	Maja Radulovic , Oslo University Hospital, NO <i>Mechanisms and importance of lysosomal membrane repair</i>
12.45-12.55	Hemmo Meyer , Duisburg-Essen University, DE <i>Macro- and Microlysophagy in response to lysosomal damage</i>
13.00-14.30	<i>Lunch</i>
Session V	Protein homeostasis and Autophagy (Chair Ian Ganley)
14.30-14.45	Claudio Joazeiro , ZMBH Heidelberg, DE <i>A genetic modifier of neurodegeneration caused by defective E3 ligase function in protein quality control</i>
14.50-15.05	Alf Håkon Lystad , University of Oslo, NO <i>E3-like complexes in atg8ylation</i>
15.10-15.25	Dorothee Dormann , Mainz University, DE <i>Degradation of TDP-43 condensates by the selective autophagy machinery</i>
15.30-15.45	Jon Lane , Bristol, UK <i>Autophagy shapes the integrated stress response via ATG8-ATF4 interactions</i>
15.50-16.00	Samuel Rodgers , University of Oslo, NO <i>Autophagy membrane remodelling by BAR domain containing proteins</i>
16.05-16.15	Viktor Korolchuk , Newcastle University, UK <i>Decline in autophagy defines ageing at the cellular level</i>
16.20-18.00	Poster session II (even numbers) with coffee and bar

- 16.30-17.15 GBM Autophagy Meeting
 18.15-19.45 *Dinner*
 20.00-23.00 Boat trip to Oslo archipelago



WEDNESDAY, MAY 27TH

Session VI Autophagy in Biology (*Chair Jorrit Enserink*)

- 09.00-09.15 **Zvulun Elazar**, Weizmann Institute of Science, IS
The Many Roles of TECPR2: An Adaptor Protein Regulating Endocytosis and Autophagy
- 09.20-09.35 **Noor Gammoh**, University of Edinburgh, UK
Targeting autophagy in brain tumours
- 09.40-09.55 **Tor Erik Rusten**, University of Oslo, NO
Organ Wasting in Cancer Cachexia
- 10.00-10.15 **Tassula Proikas-Cezanne**, University of Tübingen, DE
Cellular functions of human WIPI4
- 10.20-10.35 **Li Yu**, Tsinghua University, China
Autolamellasomes: Linking Autophagy-Dependent ER Degradation to Whorled Lysosome Biogenesis
- 10.40-10.50 **Adriana Covarrubias Pinto**, Goethe University Frankfurt, DE
Remodeling of the endoplasmic and mitochondrial contact sites via selective autophagy
- 10.50-11.30 *Coffee break*

Session VII Autophagy and Human Diseases (*Chair Alexandra Stolz*)

- 11.30-12.00 **Keynote Lecture: Noboru Mizushima**, Tokyo University, Japan
Autophagy in neuronal resilience and human disease
- 12.05-12.20 **Katja Simon**, MDC, DE
Mitophagy and its physiological relevance
- 12.25-12.40 **Nikolai Engedal**, Oslo University Hospital, NO
Autophagy in Prostate Cancer
- 12.45-13.00 **Vignir Helgason**, University of Glasgow, UK
BNIP3 is required for hypoxia-induced metabolic rewiring in leukaemic cells
- 13.05-13.20 **Michael Potente**, MDC & Charite, Berlin, DE
Breaking down complexity - using targeted protein degradation to understand complex biological phenotypes
- 13.25-13.35 **Lisa Frankel** Danish Cancer Institute, DK
RNA as a substrate for selective autophagy: expanding the cargo repertoire
- 13.40-14.50 *Lunch*

Session VIII Targeting Autophagy (*Chair Tor Erik Rusten*)

- 14:50-15.05 **Bernadette Carroll**, University of Bristol, UK
The role of autophagy in cellular senescence
- 15.10-15.25 **Anne Simonsen**, University of Oslo, NO
Mechanisms of HIF1A-mediated mitophagy
- 15.30-15.45 **Paolo Grumati**, TIGEM, Italy

- Autophagy manipulation reveals vulnerabilities in rhabdomyosarcoma cancer cells*
- 15.50-16.00 **Sovan Sarkar**, University of Birmingham, UK
Targeting the autophagy—NAD axis in iPSC-derived neuronal models of rare neurodegenerative diseases
- 16.05-16.15 **Nathalia Chica**, Oslo University Hospital, NO
A map of autophagy regulation beyond the core machinery
- 16.20-16.50 **Keynote Lecture: Vojo Deretic**, University of New Mexico, US
Membrane atg8ylation and its biological and immunological manifestations
- 17.00-17.30 **Meeting summary and awards**
- 17.30-19.30 *Free time and sauna*
- 19:30-20.00 *Aperitif*
- 20.00-21.30 *Farewell dinner*

THURSDAY, MAY 28TH

Breakfast and departure