

LS² AUTOPHAGY WORKSHOP

9h00–9h25

Welcome Coffee and Registration

9h25–9h30

Welcome Address

9h30–10h30

Keynote Lecture
Introduction: Jörn Dengjel

Fulvio Reggiori (Groningen, The Netherlands)
"Methods to examine macroautophagy"

10h30–11h15

Methods/Models Short Talks (3x15')

Chair: Magali Humbert

10h30–10h45

Tereza Losmanova (Bern, Switzerland)
"CMA Markers LAMP2A and HSC70 are independent adverse prognostic markers in primary resected squamous cell Carcinomas of the lung"

10h45–11h00

Jörn Dengjel (Fribourg, Switzerland)
"MS-based approaches to study autophagy"

11h00–11h15

Richard Somberg (Promega Corporation)
"HiBiT-HaloTag-LC3 tandem reporter enables multiple autophagy assay modalities"

11h15–11h30

"Grab your coffee" Break

11h30–12h30

Short Talks (2x30')

Chair: Mario Tschan

11h30–12h00

Silvia Vega-Rubin-de-Celis (Essen, Germany)
"Breast tumorigenesis regulation by autophagy and HER2"

12h00–12h30

Julien Puyal (Lausanne, Switzerland)
"Protecting the brain against neuronal death by targeting the dark side of autophagy: lessons from perinatal brain injuries"

12h30–13h45

Lunch Break

13h15–13h45

LS² section autophagy member meeting

13h45–14h30

Guest Speaker
Introduction: Mario Tschan

Maurizio Molinari (Bellinzona, Switzerland)
"ER-phagy, recovER-phagy and ERLAD: the selective turnover of the endoplasmic reticulum"

14h30–14h50

Flash Talks (6x3')

Chairs: tba

Nicolas Niklaus (Bern, Switzerland)
"DMTF1 β -induced autophagy enhances migration and invasion various cancer cells"



Stephanie Kaeser-Pebarnard (Fribourg, Switzerland)

"Regulation of cell homeostasis upon mTORC1 inhibition: at the crossroads of autophagy and secretion?"

Sreoshee Rafiq (Bern, Switzerland)

"Application of bimolecular fluorescence complementation (BiFC) to develop a high-throughput flow cytometry based method to measure CMA"

Bianca Petrignani (Lausanne, Switzerland)

"A secreted factor NimrodB4 promotes the elimination of apoptotic corpses by hemocytes and glial cells"

Irene Mungure (Bern, Switzerland)

"Simultaneous detection of endogenous LC3B and the myeloid differentiation marker CD11b in acute myeloid leukaemia using ImageStreamX technology"

Jianwen Zhou (Fribourg, Switzerland)

"Mass spectrometry-based study on the relationship between ubiquitination and autophagy"

14h50–15h15

Short Talk (1x25')

Chair: tba

Elena Cardenal (Geneva, Switzerland)

"Pathogenic mycobacteria manipulate and escape autophagy in the phagocyte model Dictyostelium discoideum"

15h15–16h00

Coffee Break and "Autophagy Methods Booths"

16h00–16h40

Short Talks (1x15', 1x25')

Chair: tba

16h00–16h15

Mariya Licheva (Freiburg, Germany)

"Autophagy regulation in Saccharomyces cerevisiae"

16h15–16h40

Nina Germic (Bern, Switzerland)

"ATG5 regulates eosinophil hematopoiesis and function"

16h40–17h00

Flash Talks (6x3')

Chairs: tba

Lyudmil Raykov (Geneva, Switzerland)

"Dictyostelium discoideum cell-intrinsic immunity"

Zehan Hu (Fribourg, Switzerland)

"Multilayered control of protein turnover by TORC1 and Atg1"

Miroslav Arambasic (Bern, Switzerland)

"Dissecting the role of autophagy in normal and malignant B cell"

Samara Naim (Bern, Switzerland)

"Non-apoptotic roles of the BCL-2 family member BOK"

Robin Schweri (Bern, Switzerland)

"Analyzing the function of Translationally Controlled Tumor Protein (TCTP) in tumor reversion and cancer cell autophagy"

Devanarayanan Siva Sankar (Fribourg, Switzerland)

"Identification of putative regulators of ULK1 and its phosphorylation substrates regulating autophagy"

17h00– ...

Informal scientific exchange, BBQ/Buffer