

# Autophagy in Health and Disease



**Autophagy Workshop 2022-  
LS<sup>2</sup> Autophagy Section**  
Friday, September 16, 2022  
Lausanne



## Posters

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**Leytens, Alexandre**

*University of Fribourg*

**A targeted proteomics assay to monitor autophagy**

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**Luciani, Alessandro**

*University of Zurich*

**Lysosomal cystine mobilization through cystinosin tailors mTORC1 signaling to guide cell fate decisions in the kidney**

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**Brunner, Melanie**

*University of Fribourg*

**Phosphoproteomic characterization of GSK-3 targets in autophagy**

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**Bill, Anna**

*University of Bern*

**The oncogenic DMTF1 $\beta$  splice variant promotes early autophagy-dependent cancer cell motility**

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**Depierre, Pauline**

*University of Lausanne*

**Autosis-mediated neuronal death: what are the molecular mechanisms?**

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**Descloux, Céline**

*University of Lausanne*

**CHARACTERIZATION OF CELL DEATH AFTER PERIVENTRICULAR HEMORRHAGIC INFARCTION IN PREMATURE HUMAN NEONATES, AN ONGOING STUDY**

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**Ginet, Vanessa**

*University Hospital Lausanne*

**Autophagy-mediated neuronal apoptosis: a key role played by autophagosomal membranes?**

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**Chalatsi, Theodora**

*University of Lausanne*

**The roles of autophagy in PV expressing neurons**

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**Mandhair, Harpreet**

*University of Bern*

**ULK1 inhibition preferentially targets Germinal Centre B-cell – Diffuse Large B-cell Lymphoma subtype by attenuating autophagy, C-MYC and inflammation**

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**Daskalaki, Akrivi Dimitra**

*University of Lausanne*

**Unravelling the role of the core autophagy protein ATG101 in the brain**

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**Kallergi, Emmanouela**

*University of Lausanne*

**Profiling of purified autophagic vesicle content and degradome in the maturing and aging brain**

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**Tuomaala, Joel**

*University of Bern*

**Preferential ribophagy at an organismal scale: balancing starvation survival and recovery dynamics**

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**Restivo, Leonardo**

*University of Lausanne*

**The Neuro-Behavioral Analysis Unit at the Department of Fundamental Neurosciences (FBM, UNIL)**

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**Peker, Nesibe**

*Koc University*

**Autophagy, mitophagy and ubiquitin proteasome system proteins form a protein complex that regulates autophagic clearance of mitochondria**

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**Schmidt, Katarina**

*University of Zurich*

**NDP52 restricts KSHV entry through recruitment of selective autophagy to virus-containing endosomes**

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**Bindschedler, Annina**

*University of Bern*

**Non-canonical LC3 lipidation at the parasitophorous vacuole membrane of *Plasmodium berghei* liver stage parasites promotes parasite survival**

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**Reinero, Mélanie**

*University Hospital Lausanne*

**Impairment of autophagy in hypoxic pulmonary hypertension associated with right ventricle failure.**

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**Kaesler-Pebernard, Stephanie**

*University of Freiburg*

**mTORC1 controls Golgi architecture and vesicle secretion by phosphorylation of SCYL1**

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**Babic, Riccardo**

*University of Freiburg*

**Molecular regulation of the formation of the phagophore assembly site in mammals**

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**Roduit, Raphael**

*Jules-Gonin Ophthalmic Hospital*

**Hypoglycemia induces autophagy in the mouse retina**

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**Elsaesser, Jana**

*University of Freiburg*

**Dissecting molecular mechanisms in selective autophagy using a synthetic in vivo approach**

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**Barz, Saskia**

*Albert-Ludwigs-Universität Freiburg*

**Conserved YKT6 regulation of autophagosomal compartment fusion is driven by Atg1/ULK1 phosphorylation in yeast and mammals**

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**Chavez, Myra**

*University of Bern*

**Zebrafish model to study autophagy and lysosomal processing in cardiovascular development**