

Wednesday, August 28th, 2024



12:00 - 14:00 Registration in the hotel lobby.
Light lunch will be served.

14:00 - 15:15 Session 1

Title “Autophagosome structure, origins, regulation”

14:00 - 14:05 Welcome and opening remarks by the organizers

14:05 - 14:50 Keynote lecture 1:

The Role of Non-Canonical Autophagy as a Lysosome Stress Response

Oliver Florey, Babraham Institute, UK

14:50 - 15:10 Short talk:

TECPR1 is activated by damage-induced sphingomyelin exposure to mediate noncanonical autophagy

Alf Håkon Lystad - Abstract R-2

15:10 – 15:30 Short talk:

Validation of autophagic cargo flux induction by 30 hits detected in an LC3-based HTS

Freke Mertens – Abstract R-3

15:30 - 15:50 Meet the EMBO Editor

15:50 – 16:05 Coffee break and Exhibitions

16:05 - 17:05 Session 2

Title “Autophagy in tumorigenesis and cancer”

16:05 - 16:25 Short talk:

Development and validation of biaryl derivatives as novel autophagy blockers

Melissa Lallier – Abstract C-1

16:25 - 16:45 Short talk:

Isoform-specific effects of ATG7 on central carbon metabolism

Ingvi Karl Jónsson – Abstract C-5

16:45 - 17:05 Short talk:

TBD

17:05 – 17:15 Group picture

17:15 - 18:15 Posters (Even numbers) and **Exhibitions + Drinks**

19:30 - 21:30 Dinner at the hotel

Thursday, August 29th, 2024



08:00 - 09:25 Session 3

Title “Autophagy in immune diseases”

08:00 – 08:20 Short talk:

Dengue virus exploits autophagy vesicles and secretory pathways to promote transmission by human dendritic cells

Anusca Rader - Abstract A-2

08:20 - 08:40 Short talk:

The role of ER-phagy in virus infections

Clàudia Ríó-Bergé - Abstract I-3

08:40 - 09:25 Keynote lecture 2:

DRAM1: a versatile enhancer of antimicrobial autophagy

Annemarie Meijer, Leiden University, The Netherlands

09:25 - 09:50 Coffee break and Exhibitions

09:50 - 10:30 Session 4

Title “Different colours of autophagy selectivity”

09:50 - 10:10 Short talk:

Identification of a novel mitophagy regulator in a high-throughput imaging siRNA screen

Arja Arnesen Lochen - Abstract S-5

10:10 - 10:30 Short talk:

PINK1 regulated mitophagy is evident in skeletal muscles

Francois Singh - Abstract S-1

10:30 – 11:55 Session 5

Title “Autophagy across kingdoms”

10:30 – 10:50 Short talk:

ATG8 delipidation is not universally critical for autophagy in plants

Florentine Ballhaus - Abstract K-1

10:50 – 11:35 Keynote lecture 3:

What can we learn about LC3-associated phagosome maturation from *Drosophila*?

Gabor Juhász, Eotvos Lorand University, Hungary

11:35 – 12:35 Lunch

12:35 – 13:35 Posters (Odd numbers)

13:35 – 14:15 NAS General Assembly
Open for all NAS members

14:15 – 19:30 Social program with outdoor activities in the hot spring area of Hveragerði

19:30 – 21:30 Conference Dinner - at the local brewery: Ölverk

Party and beer tasting

Friday, August 30th, 2024



09:00 - 10:00 Session 6

Title “Aggregation and quality control in neurons and beyond - 1”

09:00 - 09:20 Short talk:

USP14 deletion elevates α -synuclein that is refractory to activated autophagy in neuronal cells

Vignesh Srinivasan - Abstract N-5

09:20 - 09:40 Short talk:

Autophagy deficiency increases seeding property of tau which aggravates tau pathology and memory impairment in tauopathy mouse models

Makoto Shimozawa - Abstract N-1

09:40 – 10:10

Coffee break and Exhibitions

10:10 - 11:15 Session 7

Title “Aggregation and quality control in neurons and beyond - 2”

10:10 - 10:30 Short talk:

Unravelling physiological autophagy dynamics in the aging mammalian brain

Thomas McWilliams - Abstract N-6

10:30 - 11:15 Keynote lecture 4:

Organelle quality control in neuronal homeostasis and neurodegeneration

Erika Holzbaur, University of Pennsylvania, USA

11:15 - 11:30: Voting for best talk

11:30 – 11:50: Prize giving for the best posters and best talk

11:50 – 12:00: Concluding remarks

12:00 – 13:00 Lunch and departure

(or stay for the weekend to discover more of Hveragerði, Reykjavík or the other parts of Iceland!)