3rd TRANSAutophagy CA15138 Annual Meeting 2019

Date: April 23-25, 2019

Venue: Sofia Hotel Balkan, 5 Sveta Nedelya Square, Sofia 1000 Bulgaria

DAY 1 (23/04/19)

17:00-18:00  Registration

18:30-19:30  TRANSAUTOPHAGY action participant meeting

The Chair presents the action, changes in the coordination and the new program for this Grant Period.

20:00  Diner

DAY 2 (24/04/19)

08:15-09:00  Registration

09:00-09:10  Welcome

09:10-09:20  Plenary 1-WP1 short introduction by Jon leader of WP1

09:20-10:00  Keynote 1 lecture from expert (30’ talk+10’questions)

  Isabelle Vergne, France, “Autophagy and mycobacterial infection: a lipid perspective.”

09:20-10:15  Keynote 2 (PhD Student, Post Doc) (10’ talk+5’questions)

  Belém Sampaio-Marques, “Alpha-synuclein induces DNA damage and autophagy degradation of ribonucleotide reductase 1 in yeast and human cells.”

09:20-10:30  Keynote 3 (PhD Student, Post Doc) (10’ talk+5’questions)

  Beatriz Castejón Vega “The ATG5 interactome links clathrin vesicular trafficking with the ATG8 lipidation machinery for autophagosome assembly.”

09:20-10:45  Keynote 4 (PhD Student, Post Doc) (10’ talk+5’questions)

  Prasad Sulkshane “Autophagy and Ubiquitin Proteasomal System converge to eliminate oxidation-damaged mitochondria.”

10:00-10:15  Coffee Break

11:15-11:25  Plenary 2-WP2 short introduction by Tassula leader of WP2

11:25-12:05  Keynote 5 lecture from expert (30’ talk+10’questions)

  Jon Lane, UK “LIM homeodomain transcription factor autophagy crosstalk defines human midbrain dopaminergic neuronal resilience.”
12:05-12:20 Keynote 6 (PhD Student, Post Doc) (10' talk+5'questions)

**Katharina Sporbeck** “ATG-18 and EPG-6 are Both Required for Autophagy but Differentially Contribute to Lifespan Control in *Caenorhabditis elegans*."

12:20-12:35 Keynote 7 from senior scientist (10' talk+5'questions)

**Soren Hayrabedyan** “TLR4/NOD1-2 interplay in Sertoli cells modulates autophagy-inflammasome interactions, autophagy flux, and perturbs testis niche immune tolerance and inflicts cell death via a noncanonical functional inflammasome network.”

12:35-12:50 Keynote 8 from senior scientist (10' talk+5'questions)

**Frank Lafont** “Autophagy during the early stages of infection.”

12:50-14:30 Lunch

14:30-14:40 Plenary 3- WP3 short introduction by Agnieszka vice leader of WP3

14:40-15:20 Keynote 9 lecture from expert (30' talk+10'questions)

**Agnieszka Sirko**, Poland “Function of the selective autophagy cargo receptor NBR1 in plants”.

15:20-15:35 Keynote 10 (PhD Student, Post Doc) (10' talk+5'questions)

**Yolanda Pérez-Pérez** “Targeting autophagy and protease activities with small molecule modulators to reduce cell death and to improve microspore embryogenesis initiation in rapeseed and barley.”

15:50-16:05 Keynote 12 (PhD Student, Post Doc) (10' talk+5'questions)

**Eduardo Berenguer** “Involvement of metacaspases and autophagy in stress-induced cell death at early microspore embryogenesis of brassica napus.”

16:05-16:35 Coffee Break

16:45-18:45 Poster Session / Discussion World Cafe

19:00-19:45 Keynote Lecture by Dr. Patrice Codogno “Autophagy: history and memory”

20:00 Social Dinner

**DAY 3 (25/04/19)**

08:30-08:40 Plenary 4- WP4 short introduction by Guillermo leader of WP4

08:40-09:20 Keynote 13 lecture from expert (30' talk+10'questions)

**Guillermo Velasco Diez**, Spain “Cannabinoids and autophagy: an unexpected couple with potential therapeutic implications in oncology.”

09:20-09:35 Keynote 14 (PhD Student, Post Doc) (10' talk+5'questions)

**Laine-Menéndez S.** “Apoptosis Inducing Factors deficiency and exercise training effects on cardiac autophagy: insights from the Harlequin mouse.”
09:35-09:50 Keynote 15 (PhD Student, Post Doc) (10' talk+5'questions)

Magali Humbert “Macroautophagy-mediated degradation of Fatty Acid Synthase (FASN) leads to TFEB activation during granulocytic differentiation of acute myeloid leukemia (AML) cells.”

09:50-10:05 Keynote 16 (PhD Student, Post Doc) (10' talk+5'questions)

Bassam Janji “Impact of targeting autophagy on the immune landscape of tumors.”

10:05-10:25 Coffee Break

10:25-10:35 Plenary5-WPS short introduction by Maria leader of WP5

10:35-11:15 Keynote 17 lecture from expert (30' talk+10'questions).

Heinz Junthbluth, UK: “Congenital disorders of autophagy – a novel class of neurometabolic disorders linking neurodevelopment and neurodegeneration.”

11:15-11:30 Keynote 18 (SME: Anaxomics) (10' talk+5'questions)

Teresa Sardon "Systems biology applied to translational research."

11:30-11:45 Keynote 19 (PhD Student, Post Doc, SME) (10' talk+5'questions)

Vega-Rubín-de-Celis Silvia “Inhibition of HER2 tumorigenesis by Beclin 1 and an autophagy-inducing peptide.”

11:45-12:00 Keynote 20 (PhD Student, Post Doc, SME) (10' talk+5'questions)

Montpeyó M “Therapeutic restoration of lysosomal GBA activity in a novel Parkinson’s diseases model.”

12:00-12:15 Closing/ Poster award

12:15-16:00 Lunch / MC Meeting

Departure