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The coordinated up-regulation of the ubiquitin-proteasome and autophagy-lysosomal pathways strongly alters the Human muscle proteome during ultra-endurance exercise

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▶ WEDNESDAY 6, APRIL

8:45am–9:00am Welcome to the 7th Workshop on Proteasomes & Autophagy

9:00am–6:25pm **Session Proteasomes, Structure & Function**
Chairs: Alfred L. Goldberg & Keiji Tanaka

9:00am **Michael Groll**
Devastating cellular impacts of proteasome assembly defects

9:30am **Daniel Finley**
Novel specificity of deubiquitinating enzyme Usp14

10:00am **Anja Brehm - Selected communication**
Misbalanced proteostasis as source of the proteasome associated autoinflammatory syndrome (PRAAS)

10:15am **Michael Glickman - Selected communication**
A polyubiquitin trap (polyUbPT) uncovers a novel ubiquitin- associating subunit of 26S proteasome complexes

10:30-10:50am **Coffee break**

10:50am **Eri Sakata**
Molecular architecture of the 26S proteasome in vitro and in situ

11:20am **Keiji Tanaka**
Thymoproteasome: The Key Player in Positive Selection of CD8+ T cells

11:50am **Maya Olshina - Selected communication**
Identification of novel regulators of the ubiquitin-independent 20S proteasome degradation pathway

12:05–1:45pm **Lunch**

1:45pm–3:15pm **POSTER SESSION N°1**

3:15pm **Aaron Ciechanover - Keynote lecture**
Monoubiquitination as a novel mode of proteasomal recognition

4:15pm **Marcus Groettrup**
The immunoproteasome in the pathogenesis of autoimmune diseases

4:45pm–5:10pm **Coffee break**

5:10pm **Alfred L Goldberg**
Regulation of Proteasome Function in Normal and Disease States

5:40pm **Andreas Martin**
Degradation-coupled substrate deubiquitination at the 26S proteasome

6:10pm **Marie-Pierre Bousquet - Selected communication**
A diversity of proteasome complexes but not at random: a way to regulate proteasome activity/function

6:30pm–8:00pm **Cocktail and Poster session n°2 and 4**

▶ THURSDAY 7, APRIL

9:00am–3:50pm **Session Ubiquitination: signaling and ubiquitinating enzymes** Chairs: Simon S. Wing & Rachel E. Klevit

- 9:00am **Rachel E Klevit**
How Activators are activated: Mechanisms of E3 Ubiquitin Ligase Activation
- 9:30am **Allan M Weissman**
Modulating Ubiquitination by Non-Canonical Binding of RING-type E3s to their E2s
- 10:00am **Michal Sharon** - Selected communication
CSNAP is a novel subunit of the COP9 signalosome
- 10:15am **Shenhav Cohen** - Selected communication
The ubiquitin ligase Trim32 catalyzes the degradation of the desmin cytoskeleton and the attached myofibrils in muscle during atrophy
- 10:30am–10:50am **Coffee break**
- 10:50am **Germana Meroni**
TRIM-mediated ubiquitination in human diseases
- 11:20am **Danny Huang**
Insights into regulation of RING ubiquitin ligases
- 11:50am **Gwenaël Rabut** - Selected communication
Fluorescence complementation illuminates the physiological network of ubiquitylation enzymes
- 12:05–1:45pm **Lunch**
- 1:45pm–3:15pm **POSTER SESSION N°3**
- 15:15pm **Daniel Taillandier**
Mechanisms of myofibrillar proteolysis in skeletal muscle: role of E2 enzymes
- 15:45pm **Maria Elka Gierisch** - Selected communication
Proteasomal turnover controls oncogenic activity of the EWS/FLI1 fusion protein

4:00pm–6:20pm **Session Autophagy** Chairs: Ana-Maria Cuervo & Marco Sandri

- 4:00pm **Marco Sandri**
Autophagy, Lysosome and Proteostasis in ageing
- 4:30pm **Charlotte Montespan** - Selected communication
Adenoviruses limit membrane damage induced autophagy during cell entry through a conserved PPxY motif in capsid protein VI
- 4:45pm **Hagai Abeliovich** - Selected communication
Mechanisms of selectivity during stationary phase mitophagy in yeast 7

SCIENTIFIC PROGRAM

April 2016, 6-8th - Clermont-Ferrand, France

5:00pm-5:20pm	Coffee break
5:20pm	Patrice Codogno <i>Autophagy and plasma membrane domains</i>
5:50pm	Ana-Maria Cuervo <i>Selective Autophagy and the Cellular Response to Stress</i>
6:20pm	Pascal Genschik - Selected communication <i>Post-translational control of ARGONAUTE proteins: P0 as a tool to better understand the role of autophagy in RNA silencing regulation.</i>
8:00pm	Gala Dinner

▶ FRIDAY 8, APRIL

9:00am–10:15am

Session Autophagy (continued)

Chairs: Ana-Maria Cuervo & Marco Sandri

9:00am

Anne Simonsen

Regulation of autophagy by lipid binding proteins

9:30am

Ivan Dikic

Ubiquitin networks in regulation of proteostasis and autophagy

10:00am

Nikolaos Georgakopoulos - Selected communication

Non-covalent Keap1 inhibitors are preferential pharmacological tools to regulate cell mitophagy and enhance mitochondrial function

10:15-11:00am

Coffee break & free Poster session

11:00am–3:20pm

COST Session Deubiquitination & Ubiquitin-like modifications

Chairs: Germana Meroni & Ron Hay

11:00am

Simon S Wing

Deubiquitination in Metabolism

11:30am

Michael Clague

Sorting and signaling en route to the lysosome

12:00am

Guillaume Bossis - Selected communication

Chemotherapeutic drugs control specific transcriptional programs in Acute Myeloid Leukemias through the regulation of the SUMO pathway

12:15am

Farid El Oualid - Selected communication

Development of the first activity- based probes for ubiquitin and ubiquitin-like protein E1-E2-E3 enzyme cascades

12:30-1:45pm

Lunch

1:45pm

Alfred Vertegaal

Crosstalk between SUMOylation and the ubiquitin-proteasome system

2:15pm

Ron Hay

Remodeling of the SUMO proteome in response to proteotoxic stress.

2:45pm

Xènia Crespo-Yañez - Selected communication

Dynamic regulation of the ESCRT- III Protein CHMP1B by the Ubiquitin System

3:00-3:30pm

Best Poster Prize & Good bye