

# 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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## SCIENTIFIC PROGRAM



#### WEDNESDAY 6, APRIL

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

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	<b>Daniel Finley</b> 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	<b>Eri Sakata</b> Molecular architecture of the 26S proteasome in vitro and in situ	
11:20am	<b>Keiji Tanaka</b> 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	

# SCIENTIFIC PROGRAM April 2016, 6-8th - Clermont-Ferrand, France

### 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 LigaseActivation
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	<b>Shenhav Cohen</b> - 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	<b>Daniel Taillandier</b> 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	<b>Hagai Abeliovich</b> - Selected communication  Mechanisms of selectivity during stationary phase mitophagy in yeast 7

5:00pm-5:20pm	Coffee break
5:20pm	Patrice Codogno Autophagy and plasma membrane domains
5:50pm	Ana-Maria Cuervo Selective Autophagy and the Cellular Response to Stress
6:20pm	Pascal Genschik - Selected communication Post-translational control of ARGONAUTE proteins: P0 as a tool to better understand the role of autophagy in RNA silencing regulation.
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	<b>Xènia Crespo-Yàñez</b> - Selected communication  Dynamic regulation of the ESCRT- III Protein CHMP1B by the Ubiquitin System
3:00-3:30pm	Best Poster Prize & Good bye