



Molecular mechanisms of muscle growth and wasting in health and disease

Congressi Stefano Franscini, Ascona, Switzerland
September 20 - 25, 2015

SUNDAY

Arrival

16.00 - 18.00

Registration

18.00 -19.00

Reception

Keynote Lecture

19.00

Kevin Campbell

Novel Glycosylation Required for Skeletal Muscle Function

followed by an "icebreaker"

MONDAY 21.09.2015		
	Session	Development and repair of skeletal muscle
	<u>Chairman</u>	Robert Krauss
Speakers		
08.30 - 08.55	Michael Rudnicki	<i>Molecular regulation of muscle stem cell asymmetric division</i>
08.55 - 09.20	Andrew Brack	<i>Muscle satellite cell pool: Hierarchy and heterogeneity</i>
Short talks		
09.20 - 09.35	N.N.	<i>Title follows</i>
09.35 - 09.50	N.N.	<i>Title follows</i>
09.50 - 10.20 Coffee Break		
10.20 - 10.45	Thomas Braun	<i>Epigenetic regulation of skeletal muscle regeneration</i>
10.45 - 11.10	Bradley Olwin	<i>Rescue of a cell-autonomous loss of asymmetric division and self-renewal in aged skeletal muscle stem cells</i>
Short talks		
11.10 - 11.25	N.N.	<i>Title follows</i>
11.25 - 11.40	N.N.	<i>Title follows</i>
11.40 - 13.10 Lunch Break		
	Session	Development and repair of skeletal muscle & disease of the nerve-muscle connection
	<u>Chairman</u>	Markus Ruegg
Speakers		
13.10 - 13.35	Pura Muñoz-Cánoves	<i>Muscle stem cell dysfunction in aging and disease</i>
13.35 - 14.00	Benedict Chazaud	<i>Cell autonomous and environmental cues regulating myogenic precursor cells in degenerative myopathies</i>
Short talks		
14.00 - 14.15	N.N.	<i>Title follows</i>
14.15 - 14.30	N.N.	<i>Title follows</i>
14.30 - 15.00 Coffee Break		
15.00 - 15.25	Hanns Lochmuller	<i>Clinical phenotypes and molecular mechanisms of inherited neuromuscular transmission disorders (congenital masthenic syndromes)</i>
15.25 - 15.50	Kenneth H. Fischbeck	<i>Spinal and bulbar muscular atrophy: pathophysiology and therapeutics development</i>
Short talks		
15.50 - 16.05	N.N.	<i>Title follows</i>
16.05 - 16.20	N.N.	<i>Title follows</i>
16.20 - 18.20 Poster Session		
18.30 - 20.00 Dinner		

TUESDAY		21.09.2015
	Session	Excitation-contraction coupling; calcium handling; mitochondria
	<u>Chairman</u>	N.N.
Speakers		
08.30 - 08.55	Susan Hamilton	<i>RyR1 Myopathies</i>
08.55 - 09.20	Christoph Handschin	<i>Complex coordination of metabolic pathways by a PGC-1alpha-controlled transcriptional network in skeletal muscle</i>
Short talks		
09.20 - 09.35	N.N.	<i>Title follows</i>
09.35 - 09.50	N.N.	<i>Title follows</i>
09.50 - 10.20 Coffee Break		
10.20 - 10.45	N.N.	<i>Title follows</i>
10.45 - 11.10	N.N.	<i>Title follows</i>
Short talks		
11.10 - 11.25	N.N.	<i>Title follows</i>
11.25 - 11.40	N.N.	<i>Title follows</i>
11.40 - 13.10 Lunch Break		
Free Afternoon		

WEDNESDAY 22.09.2015		
	Session	Mechanisms controlling muscle size
	<u>Chairman</u>	Pura Muñoz-Cánoves
Speakers		
08.30 - 08.55	Robert Krauss	<i>Late-onset myopathy in mice lacking group I PAKs</i>
08.55 - 09.20	Markus Ruegg	<i>mTORC1 signaling in skeletal muscle affects whole-body metabolism</i>
Short talks		
09.20 - 09.35	N.N.	<i>Title follows</i>
09.35 - 09.50	N.N.	<i>Title follows</i>
09.50 - 10.20 Coffee Break		
10.20 - 10.45	Marco Sandri	<i>Novel ubiquitin ligases and signaling pathways that control muscle mass</i>
10.45 - 11.10	Mara Fornaro	<i>ATP Citrate Lyase (ACL): a novel regulator of skeletal muscle metabolism</i>
Short talks		
11.10 - 11.25	N.N.	<i>Title follows</i>
11.25 - 11.40	N.N.	<i>Title follows</i>
11.40 - 13.10 Lunch Break		
	Session	Mechanisms of sarcopenia and cachexia
	<u>Chairman</u>	Michael Rudnicki
Speakers		
13.10 - 13.35	Charlotte Peterson	<i>Satellite cell regulation of the muscle environment during adaptation and aging</i>
13.35 - 14.00	David Glass	<i>Signaling Pathways Mediating Skeletal Muscle Mass and Function</i>
Short talks		
14.00 - 14.15	N.N.	<i>Title follows</i>
14.15 - 14.30	N.N.	<i>Title follows</i>
14.30 - 14.55	Sue Bodine	<i>The role of endoplasmic reticulum stress and autophagy in the attenuated recovery of muscle mass following disuse in aged rats.</i>
14.55 - 15.20	Denis Guttridge	<i>Identification of New NF-κB Crosstalk Signals in Skeletal Muscle Homeostasis</i>
Short talks		
15.20 - 15.35	N.N.	<i>Title follows</i>
15.35 - 15.50	N.N.	<i>Title follows</i>
15.50 - 16.20 Coffee Break		
	Session	Metabolic dynamics; interaction of skeletal muscle with other organs
	<u>Chairman</u>	N.N.
Speakers		
16.20 - 16.45	Douglas Millay	<i>Satellite cell fusion and muscle growth</i>
16.45 - 17.00	Vittorio Sartorelli	<i>Epigenetic Regulation of Skeletal Myogenesis</i>
Short talks		
17.00 - 17.15	N.N.	<i>Title follows</i>
17.15 - 17.30	N.N.	<i>Title follows</i>
17.30 - 18.30 Poster		
18.30 - 20.00 Dinner		
20.00 - 21.00 Poster Session		

THURSDAY 24.09.2015		
	Session	Metabolic dynamics; interaction of skeletal muscle with other organs (cont.)
	<u>Chairman</u>	N.N.
Speaker		
08.30 - 08.55	N.N.	<i>Title follows</i>
08.55 - 09.20	Delphine Duprez	<i>Mechanical and molecular signals regulating foetal myogenesis</i>
Short talks		
09.20 - 09.35	N.N.	<i>Title follows</i>
09.35 - 09.50	N.N.	<i>Title follows</i>
09.50 - 10.20 Coffee Break		
	Session	Epigenetics and microRNAs in muscle function
	<u>Chairman</u>	David Glass
Speakers		
10.20 - 10.45	Barbara Wold	<i>Genome-wide analysis of genome structure and function</i>
10.45 - 11.10	Karyn Esser	<i>Molecular clock regulation of titin; daily regulation of the sarcomere?</i>
Short talks		
11.10 - 11.25	N.N.	<i>Title follows</i>
11.25 - 11.40	N.N.	<i>Title follows</i>
11.40 - 13.10 Lunch Break		
13.10 - 13.35	Silvere van der Marel	<i>Incomplete Repeat Mediated Epigenetic Repression of DUX4 in FSHD</i>
13.35 - 14.00	Fabio Rossi	<i>Inflammatory milieu changes favouring fibrogenic matrix production in advanced muscular dystrophy</i>
Short talks		
14.00 - 14.15	N.N.	<i>Title follows</i>
14.15 - 14.30	N.N.	<i>Title follows</i>
	Session	Muscular dystrophies and development of therapeutic strategies
	<u>Chairman</u>	Kevin Campbell
Speakers		
14.30 - 14.55	Kevin Flanigan	<i>Alternate translational initiation of dystrophin: clinical and therapeutic implications</i>
14.55 - 15.20	Nina Raben	<i>Pompe disease: pathophysiology and novel approaches to therapy</i>
Short talks		
15.20 - 15.35	N.N.	<i>Title follows</i>
15.35 - 15.50	N.N.	<i>Title follows</i>
15.50 - 16.20 Coffee Break		
16.20 - 16.45	Anna Buj-Bello	<i>Myotubular myopathy: from pathophysiology to therapy</i>
16.45 - 17.00	N.N.	<i>Title follows</i>
Short talks		
17.00 - 17.15	N.N.	<i>Title follows</i>
17.15 - 17.30	N.N.	<i>Title follows</i>
19.00 - Gala Dinner		

FRIDAY

25.09.2015

Departure