



Program

SUNDAY		21.09.2025	
		Arrival	
16.00 - 18.00		Registration	
18:00-19:00		Reception	
19.00		Keynote Lecture 1 Helen Blau, Stanford University, USA <i>The pivotal role of the Gerozyme 15-PGDH in muscle wasting</i> followed by a welcome drink and a dinner	
MONDAY		22.09.2025	
08.30 - 08.50		Welcome address from Centro Stefano Franscini and Monte Verità	
		Session 1	Stem cells and regeneration in aged and dystrophic muscle
		Chair	N.N.
Speakers			
08.50 - 09.15	Thomas Braun	tbd	
09.15 - 09.40	Foteini Mourkioti	New stem cell dynamics in acute and chronic muscle injuries	
Short talks			
09.40 - 09.55		(short talks will be selected from submitted abstracts)	
09.55 - 10.10			
10:10 – 10:40		Coffee break	
Speakers			
10.40 - 11.05	Tom Cheung	Blood-based biomarkers for sarcopenia	
11.05 - 11.30	Michael Rudnicki	Developing innovative regenerative therapies for muscular dystrophy	
Short talks			
11.30 - 11.45			
11.45 - 12.00			
12.00 - 13.30		Lunch break	

Molecular mechanisms of muscle wasting during aging and disease 2025

	Session 2	Mechanisms involved in muscle function loss
Speakers	<u>Chair</u>	N.N.
13.30 - 13.55	Michael Hall	mTOR signaling in growth, metabolism and disease
13.55 - 14.20	Bert Blaauw	Nerve activity inhibits mTORC1-dependent protein synthesis in skeletal muscle
Short talks		
14.20 - 14.35		
14.35 - 14.50		
14.50 - 15.20	Coffee break	
Speakers		
15.20 - 15.45	Simone Di Giovanni	Macrophages control muscle spindle activity and locomotion
15.45 - 16.10	Markus Rüegg	Functional interrogation of gene function at the neuromuscular junction
Short talks		
16.10 - 16.25		
16.25 - 16.40		
17.00 - 19.00	Poster Session (with drinks and snacks)	
19.15 - 20.45	Dinner	
TUESDAY	23.09.2025	
	Session 3	Molecular pathways in muscle aging
Speakers	<u>Chair</u>	N.N.
08.50 - 09.15	Jorge L. Ruas	The other side of muscle E3 ligases, building instead of degrading
09.15 - 09.40	Doug Millay	Control of muscle size by nuclear number and transcriptional output
Short talks		
09.40 - 09.55		
09.55 - 10.10		
10.10 - 10.40	Coffee break	
Speakers		
10.40 - 11.05	Tea Shavlakadze	Molecular signatures of aging: implications for skeletal muscle aging and sarcopenia
11.05 - 11.30	Daniel Ham	Identification, localization, and functional interrogation of pro-aging genes in sarcopenic mouse muscle
Short talks		
11.30 - 11.45		
11.45 - 12.00		
12.00 - 13.30	Lunch break	

Session 4		Age-associated cellular pathways
<u>Chair</u>		N.N.
Speakers		
13.30 - 13.55	Nathan LeBrasseur	Cellular Senescence and Skeletal Muscle Aging
13.55 - 14.20	Frank Schnorrer	The Ageing Drosophila flight muscle
Short talks		
14.20 - 14.35		
14.35 - 14.50		
14.50 - 15.30	Coffee break	
15:30	Keynote Lecture 2	
	Guido KROEMER, Faculty of Medicine, University of Paris Cité, France	
	<i>Gerogenes as drivers of aging:</i>	
	<i>The example of acyl CoA binding protein/diazepam binding inhibitor (ACBP/DBI)</i>	
17.00 – 19.00	Poster Session (with drinks and snacks)	
19.15 - 20.45	Dinner	

WEDNESDAY		24.09.2025
	Session 5 <u>Chair</u>	Epigenetic processes in aging N.N.
Speakers		
08.50 - 09.15	Vittorio Sartorelli	Epigenetics of muscle aging
09.15 - 09.40	Yousin Suh	Mechanisms of Ovarian Aging: Target for Geroprotection in Women
Short talks		
09.40 - 09.55		
09.55 - 10.10		
10.10 - 10.40	Coffee break	
Speakers		
10.40 - 11.05	David Glass	The effects of aging on skeletal muscle function
11.05 - 11.30	Marco Bolis	The role of ectodysplasin-A2-receptor EDA2R in aging and inflammation
Short talks		
11.30 - 11.45		
11.45 - 12.00		
12.00 - 13.30	Lunch break	

AFTERNOON: free
EVENING: free

THURSDAY		25.09.2025
		Session 6 <u>Chair</u> New developments to target neuromuscular diseases N.N.
Speakers		
08.50 - 09.15	Frederic Relaix	Rat Duchenne muscular dystrophy models for preclinical studies and deciphering tissue repair mechanisms
09.15 - 09.40	Jeffrey Chamberlain	Increasing the potency of AAV-dystrophin vectors
Short talks		
09.40 - 09.55		
09.55 - 10.10		
10.10 - 10.40		Coffee break
Speakers		
10.45 - 11.10	Carsten Bönnemann	Preclinical precision genetic therapy developments for the collagen VI related muscular dystrophies
11.10 - 11.35	Kevin Campbell	Structural Insights into Dystroglycan Function: Unveiling the Pathogenesis of Muscular Dystrophy
Short talks		
11.30 - 11.45		
11.45 - 12.00		
12.00 - 13.30		Lunch break
		Session 7 <u>Chair</u> Effect of muscle on metabolism and vice versa N.N.
Speakers		
13.30 - 13.55	Jerome Feige	Targeting mitochondria with nutrition in humans
13.55 – 14.20	Katrien De Bock	Metabolic crosstalk in the muscle microenvironment
Short talks		
14.20 - 14.35		
14.35 - 14.50		
14.50 – 15.15		Coffee break
Speakers		
15.15 - 15.40	Jason Mastaitis	Myostatin and Activin A Inhibition to Improve Weight Loss Quality with GLP-1
15.40 - 16.05	N.N.	tbd
Short talks		
16.05 - 16.20		
16.20 - 16.35		
16.45		Poster Award Ceremony
19:00		Transfer to restaurant

FRIDAY	26.09.2025	Departure
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