

Tuesday May 19, 2026

Olympic Museum | Quai d'Ouchy 1, 1006 Lausanne



LIMNA SYMPOSIUM

METABOLISM IN AGING AND DISEASE

May 19, 2026
Olympic Museum



Organizing committee:

*Francesca Amati, Carles Canto, Giovanni D'Angelo, Ping-Chih Ho, Alexis Jourdain,
Marlen Knobloch & Ulrike Toepel*

Kindly supported by

Unil.



EPFL

 **VectorBuilder**

8h30-8h55 Welcome coffee and badge distribution

9h00 Opening

Chair: Francesca Amati

Session I Muscle Metabolism and Aging

Chair: Carles Cantó

9h05 Francesca Amati, University of Lausanne, Switzerland

How Do We Attribute Muscle Metabolic Decline? Questioning Aging as Cause, Context, or Consequence

9h40 Katrien de Bock, ETH Zürich, Switzerland

Metabolic Crosstalk in the Muscle

10h15 Benjamin Lair, INSERM/Toulouse University UMR1297, Toulouse, France

Sphingolipid Metabolism Emerges as a Complex Regulator of Skeletal Muscle Mass Across Aging

10h30 Coffee Break

Session II Metabolic Drivers and Mitochondrial Remodeling in Aging

Chair: Marlen Knobloch

11h Riekelt Houtkooper, UMC Amsterdam, The Netherlands

Metabolic drivers of human aging

11h35 Julien Prudent, University of Cambridge, UK

Mitochondrial membrane remodelling and membrane contact sites

12h10 Clarisse Simons, University of Lausanne, Switzerland

FGF21 Drives the Protective Effects of Time-Restricted Feeding Against Elastase-Induced Abdominal Aortic Aneurysm in Male Mice

12h25 Lunch & Poster session & Coffee

13h15-14h00 Presentation of posters with even numbers

14h00-14h45 Presentation of posters with odd numbers

Please remove your posters

Session III Adipocyte Biology, Adipose Tissue Remodeling and Plasma Lipidome in Aging

Chair: Alexis Jourdain

15h00 Cédric Moro, INSERM Toulouse, France

Adipose tissue neutrophil-derived S100A9 as a trigger of sarcopenia in diabetes and aging

15h35 Cassandra Tabasso, University of Lausanne, Switzerland

Is plasma lipidome a hallmark of age-related insulin resistance?

15h50 Amélie Sabine, Ludwig Institute for Cancer Research Lausanne, Lausanne, Switzerland

Staying slim while growing old: the new vascular trick

16h05 Lauren M Sparks, Advent Health Research Institute, Orlando, USA

Adipocyte heterogeneity in aging and metabolic disease

16h40 Concluding remarks and award distribution

Chair: Carles Cantó & Francesca Amati