

Second LIMNA Symposium

Wednesday September 3rd, 2014
Olympic Museum, Lausanne

Speakers

Prof. Antonio Zorzano

University of Barcelona

Institute for Research in Biomedicine IRB, Barcelona

Prof. Arnaud Comment

Institute of Physics of Biological Systems, EPFL

Dr. Marc Claret

Instut d'Investigacions Biomèdiques August Pi I Sunyer (IDIBAPS)

Centre Esther Koplowitz (CEK), Barcelona

Prof. Benjamin Marsland

Service de Pneumologie, CHUV

Prof. Dietmar Zehn

Service d'immunologie et d'allergie – IAL

CHUV

Dr. Marc Ibberson

Swiss Institute of Bioinformatics

Vital-IT, UNIL

Dr. Hubert Vidal

Faculté de Médecine, Lyon

Opening

8h45 **Laurence Descamps, LIMNA coordinator**
Welcome

8h55 **Institutional opening**

Plenary session:

Chairman: Lluís Fajás

9h15 **Antonio Zorzano**
Role of mitochondrial fusion proteins on energy homeostasis

Morning session :

10h00 **Arnaud Comment**
Real-time in vivo metabolic analyses

10h30 coffee break

Chairman: Johan Auwerx

10h50 **Marc Claret**
Role of the hypothalamic endoplasmic reticulum-mitochondrial axis in the regulation of systemic energy metabolism

11h20 **Benjamin Marsland**
Implications of host-microbe interactions in chronic lung diseases

11h50 **Isabel Christina Lopez Mejia**
Participation of CDK4 in the regulation of mitochondrial metabolism and energy homeostasis

12h10 Lunch and Poster presentations

Afternoon session

Chairman: Bernard Thorens

14h30 Dietmar Zehn

The metabolic status - an indicator of T cell function in chronic infections

15h00 Sveta Chakrabarti

The Drosophila MAPK p38c regulates oxidative stress and lipid homeostasis in the intestine

15h20 Peggy Janich

Comprehensive identification of rhythmic protein synthesis using ribosome profiling in mouse liver

15h40 Mark Ibberson

Studying the beta cell integrome from mouse to man

16h10 coffee break

Chairman: François Pralong

16h30 Hubert Vidal

Adipose tissue and skeletal muscle adaptive mechanisms to overfeeding in humans

17h00 Nicola Vannini

Mitochondrial activity determines hematopoietic stem cell potential

17h20 Concluding remarks