Tuesday, March 17, 2015
SwissTech Convention Center, Lausanne

Third LIMNA Symposium

Organizing Committee: Prof. J. Auwerx, Prof. B. Desvergne, Prof. L. Fajas, Prof. F. Pralong, Prof. L. Tappy, Prof. B. Thorens, Dr. L. Descamps and Prof. Kei Sakamoto from Nestlé Institute of Health Sciences (guest organizing committee member).
Keynote Speakers

Prof. François Pralong
Service of Endocrinology, Diabetology and Metabolism, CHUV

Prof. Kei Sakamoto
Nestlé Institute of Health Sciences, Lausanne
8h30-9h00 Welcome and distribution of badges

Opening

9h00  Lluis Fajas
Welcome

Morning session:

Chairman: Lluis Fajas

9h15  keynote lecture: François Pralong (CHUV)
« Impact of nutritional status on human reproduction »

10h00 Laura Lukjanenko (Nestlé Institutes of Health Sciences)
« Cross-talk between regeneration and ectopic adipogenesis in muscle aging »

10h20 Nicholas Broskey (Department of Physiology, UNIL)
« Lipotoxicity: does it matters where the lipids are located in skeletal muscle ? »

10h40 Coffee break

Chairman: Johan Auwerx

11h00 Keir Menzies (Laboratory of Integrative and Systems Physiology, EPFL)
« NAD+ repletion improves the Mdx mouse muscle phenotype by countering increased levels of PARylation »

11h20 Vannini Nicola (Institute of Bioengineering, EPFL)
« Nicotinamide riboside is a potent stimulator of hematopoietic progenitor compartments »

11h40 Kulkarni Sameer (Nestlé Institutes of Health Sciences)
« Mfn1 deficiency in the liver enhances mitochondrial biogenesis and protects against insulin resistance »

12h00 Duarte Joao (Laboratory for Functional Metabolic Imaging, EPFL)
« Alterations of brain morphology and energy metabolism underlying memory deterioration in insulin-resistant Goto-Kakizaki rats »

12h20 Lunch and Poster session
Afternoon session

Chairman: François Pralong

14h15 keynote lecture: Kei Sakamoto (Nestlé Institutes of Health Sciences)
« LKB1-AMPK-dependent and -independent pathway in the control of glucose metabolism »

15h00 Mang Géraldine (CIG, UNIL)
« A neuron-specific deletion of the microRNA-processing enzyme DICER induces severe but transient obesity in mice »

15h20 Serge Ducommun (Nestlé Institutes of Health Sciences)
« Motif affinity and mass spectrometry proteomic approach for the discovery of cellular AMPK targets »

15h40 Rachana Pradhan (Institute of Bioengineering, EPFL)
« Identifying novel transcriptional regulators of brown fat cell differentiation »

16h00 Coffee break

Chairman: Kei Sakamoto

16h20 Hikari Yoshihara (Cardiology, CHUV, CIBM)

16h40 Laura Steinbusch (CIG, UNIL)
Sex differences in glucokinase-dependent hypothalamic glucose sensing

17h00 Concluding remarks and awards