



organising committee:
Prof. J. Auwerx - Prof. L. Fajas - Prof. F. Pralong - Dr. L. Descamps

1st Symposium

of the *Pôle Thématique de Recherche (PTR)*
Métabolisme-Nutrition-Vieillesse

LIMNA

Lausanne Integrative Metabolism and Nutrition Alliance

Casino de Montreux, Switzerland
Monday March 17th 2014

Speakers: Prof. Graham Hardie
University of Dundee, Scotland
Prof. Philippe Froguel
University Lille 2, France
Prof. Johan Auwerx - EPFL
Prof. Nelly Pitteloup - CHUV
Prof. David Gatfield – CIG, UNIL
Prof. Lluis Fajas Coll – DP, UNIL
Prof. Luc Tappy – DP, UNIL
Prof. Beatrice Desvergne – CIG, UNIL
Prof. Bernard Thorens – CIG, UNIL

Registration is free but mandatory: dp-office@unil.ch



Program

- 09:00 Welcome – Lluís Fajas Coll
- 09:15 AMP-activated protein kinase: regulating energy balance at the cellular and whole body levels
Prof. D. Graham Hardie
University of Dundee, Scotland
- 09:50 Title to be confirmed
Prof. Philippe Froguel – University Lille 2, France
- 10:25 Coffee break**
- 10:45 Mitonuclear protein balance as a determinant of health- and lifespan
Prof. Johan Auwerx – EPFL
- 11:10 Nervous glucose sensing and the control of pancreatic islets mass and function
Prof. Bernard Thorens – CIG, UNIL
- 11:35 Cell cycle regulators are key effectors of energy homeostasis
Prof. Lluís Fajas Coll – DP, UNIL
- 12:00 Fructose-induced metabolic syndrome: from animal models to human nutrition
Prof. Luc Tappy – DP, UNIL
- 12:25 LUNCH**
- 14:00 From bad to good: the need of fat in development and homeostasis
Prof. Beatrice Desvergne – CIG, UNIL
- 14:25 FGF21 as a link between metabolism and reproduction
Prof. Nelly Pitteloup – CHUV
- 14:50 RBM10: an alternative splicing regulator that sets the circadian period length in mice
Prof. David Gatfield – CIG, UNIL
- 15:15 Title to be confirmed
Prof. Francesco Stellacci – EPFL
- 15:30 Effect of physical fitness and training on skeletal muscle mitochondria in the elderly
Chiara Greggio, Post-doc
Lab. Dr Francesca Amati – DP, UNIL
- 15:45 Coffee Break**
- 16:00 Resistance to diet-induced obesity and associated metabolic perturbations in haploinsufficient monocarboxylate transporter 1 mice
Prof. Luc Pellerin – DP, UNIL
- 16:15 Emerging Roles of Non-Coding RNAs in the Control of β -Cell Functions
Prof. Romano Regazzi – DNF, UNIL
- 16:30 SIRT7 Regulates Mitochondrial Homeostasis via the deacetylation and activation of GABP β 1
Dongryeol Ryu, Post-doc
Lab. Prof. Johan Auwerx – EPFL
- 16:45 IGF-2 as an autocrine regulator of beta-cell plasticity in insulin resistance and ageing
Honey Modi, PhD student
Lab Prof. Bernard Thorens - CIG, UNIL
- 17:00 Diabetic nephropathy in a new mouse model of lipodystrophy
Barbara Toffoli, Post-doc
Lab. Prof. Beatrice Desvergne – CIG, UNIL
- 17:15 E2F1 $-/-$ mice are protected to diabetes-induced liver steatosis.
Pierre-Damien Denechaud, Post-doc
Lab. Prof. Lluís Fajas Coll – DP, UNIL
- 17:30 The caspase-3/p120 rasgap stress-sensing module controls stress regulated metabolism switch
Güliz Vanli, PhD student
Lab. Christian Widmann – DP, UNIL
- 17:45 NDNF as a novel gene underlying GnRH deficiency
Sara Santini, Post-doc
Lab. Prof. Nelly Pitteloup – CHUV