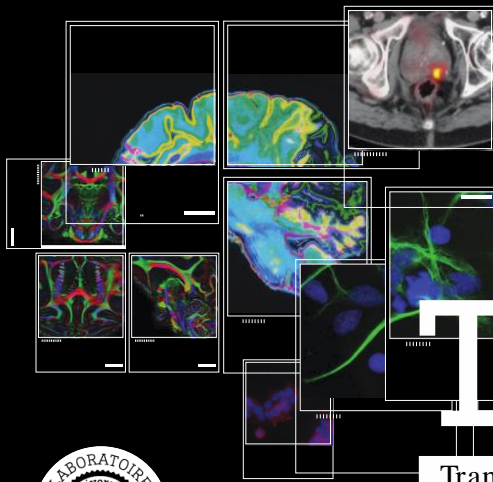


Monday, 7th November, 2016

13:30-15:30

Conference room of CGFB



TRAIL

Translational Research and
Advanced Imaging Laboratory



Symposium Energizing the CNS : from biomarker to treatment



Program

- 13:30 Alterations of brain metabolism in type 2 diabetes: a magnetic resonance study in vivo**
Joao DUARTE, PhD, Laboratory of functional and metabolic imaging, EPFL
Applicant to a Junior Chair, Talent IdEx Program
Lausanne, Switzerland
- 14:00 Bolstering neuroenergetics as a neuroprotective strategy**
Luc PELLERIN, PhD, Professor, Physiology Dept, UNIL
Senior Chair, IdEx
Lausanne, Switzerland
- 14:30 Non-invasive biomarkers in the ischemic mouse brain**
Lorenz HIRT, PhD, Professor, Neurosciences Dept, UNIL-CHUV
Lausanne, Switzerland
- 15:00 Discussion**

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Joao DUARTE, PhD, Laboratory of functional and metabolic imaging, EPFL

Joao Duarte is working at the EPFL in Lausanne (Ecole Polytechnique Fédérale de Lausanne) on brain energy metabolism using magnetic resonance spectroscopy as his main tool. This young talented scientist has already published more than 35 papers in this field and is applying for a Junior Chair at the Talent IdEx program.

Luc PELLERIN, PhD, Professor, Physiology Dept, UNIL

Professor Luc Pellerin is the actual director of the Department of Physiology at the University of Lausanne. His contribution to the field of brain energy metabolism is recognized worldwide, notably since he proposed the concept of the Astrocyte-Neuron Lactate Shuttle. Professeur Luc Pellerin has been awarded very recently a Senior Chair by the IdEx program.

Lorenz HIRT, PhD, Professor, Neurosciences Dept, UNIL-CHUV

Professor Lorenz Hirt is a neurologist at Lausanne University Hospital (Centre Hospitalier Universitaire Vaudois) and leader of a research group studying cerebral ischemia and neuroprotective strategies at the University of Lausanne (UNIL). He is currently investigating the molecular mechanisms behind the neuroprotective effects of Lactate and is starting a new collaboration with Professor Jérôme Badaut CNRS-INCIA funded by the Swiss Science Foundation on the role of caveolins in cerebral ischemia and traumatic brain injury.

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