

Cancer Cell Metabolism: beyond Warburg

Toulouse, December 4th 2012
Hôtel de Région, Salle d'Assemblée

09h00 Attendees welcome

09h45 **Opening**
J. Tkaczuk, Midi-Pyrénées Region, JJ. Fournié, CRCT, Toulouse and CGSO representative

10h00 **Morning Session**
Chairpersons: Jean-Emmanuel Sarry (CRCT, Toulouse) and Stéphane Rocchi (C3M, Nice)

* Regulation of metabolism to support cell proliferation
Matthew G. Vander Heiden, Koch Institute for Integrative Cancer Research at MIT
Cambridge, MA USA

* Cell cycle regulators facilitate whole organism metabolic adaptation to cancer
Lluis Fajas, University of Lausanne

* Lipid metabolism in cancer cells: potential therapeutic targets
Thierry Levade, Cancer Research Center of Toulouse

* Metabolic crosstalk between breast cancer cells and tumor-surrounding adipocytes
Yuan Yuan Wang, Institute of Pharmacology and Structural Biology, Toulouse

* The multifunctional protein E4F1 controls p53-associated functions in metabolism
Matthieu Lacroix, Montpellier Cancer Research Institute

* Lymphocyte metabolism in immunity and leukemia
Jeffrey C. Rathmell, Sarah W. Stedman Nutritional and Metabolism Center
Duke University, Durham, NC USA

13h00 Lunch, Posters exhibition

14h45 **Afternoon Session**
Chairpersons: Audrey Ferrand (CRCT, Toulouse) and Laurent Le Cam (IRCM, Montpellier)

* Targeting the metabolic transformation of cancer
Eyal Gottlieb, The Beatson Institute for Cancer Research, Glasgow

* Mitochondria and cancer - **Nathalie Alet**, Sanofi-Aventis, Toulouse

* Metabolism in action: flux analysis in cellular systems
Jean-Charles Portais, Team MetaSys & Platform MetaToul, LISBP, INSA, Toulouse

* Intracellular pH, oxidative stress and cell metabolism: a trio which orchestrates cell death in cancer cells - **Laurence Huc**, Research Center in Food Toxicology, Toulouse

* The NF- κ B member p65 controls glutamine metabolism through miR-23a
Moez G. Rathore, Institute for Research in Biotherapy, Montpellier

* Sterols metabolism in Cancer- **Marc Poirot**, Cancer Research Center of Toulouse

17h10 **Discussion, conclusions**

Thanks to our partners