



“METABOLISM & CANCER”

25-26 september 2014

Le Saint-Paul Hôtel, Nice - France

Thursday 25 September

SCIENTIFIC COMMITTEE

Frédéric Bost, C3M, Nice
 Laurent Le Cam, IRCM, Montpellier
 Nathalie Mazure, IRCAN, Nice
 Jean-Ehrland Ricci, C3M, Nice
 Stéphane Rocchi, C3M, Nice
 Rodrigue Rossignol, MRGM, Bordeaux
 Jean-Emmanuel Sarry, CRCT, Toulouse
 Sophie Vasseur, CRCM, Marseille

LOCAL ORGANIZING COMMITTEE

Frédéric Bost, C3M, Nice
 Nathalie Mazure, IRCAN, Nice
 Jean-Ehrland Ricci, C3M, Nice
 Stéphane Rocchi, C3M, Nice
 Jean-Emmanuel Sarry, CRCT, Toulouse
 Sophie Vasseur, CRCM, Marseille

ONLINE REGISTRATION

www.canceropole-paca.fr

INFORMATION

canceropole-paca@univ-amu.fr



CONGRESS VENUE

Le Saint-Paul Hôtel
 29, bd Franck Pilatte - 06300 Nice
 Tel : +33 (0)4 93 89 39 57

SESSION I

Chairs
 14:00-14:40

Selected talks ↻ 14:40-15:00

15:00-15:20

15:20-15:40

15:40-16:10

16:10-16:30

↻ 16:30-16:50

16:50-17:20

17:20-17:40

17:40-18:10

18:10

19:40

HYPOXIA

N. Mazure - S. Vasseur - L. Le Cam

Lecture

C. Simon (University of Pennsylvania, USA)

«Renal Cancer Metabolic Adaptations for Tumor Growth»

P. Sonveaux (Catholic University of Louvain, Belgium)

«Mitochondria in cancer metastasis : license to drive»

J. Chiche (Mediterranean Center for Molecular Medicine, Nice, France)

«The Glyceraldehyde-3-Phosphate Dehydrogenase regulates HIF-1 and predicts a favorable therapeutic response for patients with diffuse large B cell lymphoma treated with anti-CD20 therapy»

C. Michiels (University of Namur, Belgium)

«Hypoxia counteracts taxol-induced apoptosis in cancer cells: role of autophagy»

Break

JC. Portais (LISBP, University of Toulouse, France)

«Comprehensive analysis of metabolic systems»

E. Griessinger (Mediterranean Center for Molecular Medicine, Nice, France)

«Protective mitochondrial transfer from bone marrow stromal to Acute Myeloid Leukemic cells during chemotherapy»

Lecture

J. Pouysségur (Institute for Research on Cancer and Aging, Nice, France)

«Hypoxia Signaling and Tumor Metabolism - Novel anticancer approaches»

C. Frezza (University of Cambridge, Cambridge, UK)

«Metabolism and cancer : the application with the SeaHorse XFe»

C. Hart (Threshold Pharmaceuticals, South San Francisco, California, USA)

«The Hallmarks of Cancer” and tumor hypoxia: selective targeting of hypoxic cancer cells with the hypoxia-activated prodrug (HAP) TH-302»

Poster session

Cocktail & Gala Dinner (Castel Restaurant)

SESSION II

Chairs
 9:00-9:40

9:40-10:00

10:00-10:20

↻ 10:20-10:40

10:40-11:10

↻ 11:10-11:30

11:30-12:10

MITOCHONDRIA

JE. Ricci - JE. Sarry

Lecture

M. Pollak (Mc Gill University, Montréal, Canada)

«Current questions regarding the use of biguanides in oncology»

C. Pecqueur (Cancer Research Center of Nantes-Angers, France)

«Targeting metabolism in the treatment of glioblastome multiform»

R. Rossignol (University of Bordeaux, France)

«Common themes in the metabolic remodeling driven by oncogenic RAS or by glucose deprivation»

C. Alves-Guerra (Cochin Institute, Paris, France)

«Mitochondrial retrograde signaling mediated by UCP2 inhibits cancer cell proliferation and tumorigenesis»

Break

JS. Annicotte (European Genomic Institute for Diabetes, Lille, France)

«Murine Cdkn2a knock down protects from obesity and type 2 diabetes through oxidative metabolism modulation»

Lecture

L. Fajas (University of Lausanne, Switzerland)

«Cell cycle regulators coordinate the metabolic switch in normal and in cancer cells»

SESSION III

Chairs
 13:40-14:20

14:20-14:40

↻ 14:40-15:00

↻ 15:00-15:20

15:20-15:50

15:50-16:20

↻ 16:20-16:40

↻ 16:40-17:00

17:00-17:50

18:00

AMPK/mTOR

S. Rocchi - F. Bost

Lecture

JC. Martinou (University of Geneva, Switzerland)

«The mitochondrial pyruvate carrier: regulation of its activity in cancer cell metabolism»

M. Pende (IRNEM, Inserm U845, Paris, France)

«mTOR pathophysiology in rare human diseases of growth and metabolism»

R. Duran (European Institute of Chemistry and Biology, Bordeaux, France)

«Crosstalk between mTOR signaling and the metabolism of glutamine in cancer cells»

R. Riscal (Institute of Cancer Research Montpellier, France)

«The Mdm2 oncogene regulates metabolism through p53-independent recruitment on chromatin»

Break

M. Billaud (Institute Albert Bonniot, Grenoble, France)

«Novel biguanides target LKB1-deficient cancer cells»

I. Ben-Sahra (Harvard School of Public Health, Boston, USA)

«mTORC1 stimulates nucleotide synthesis through both transcriptional and post-translational mechanisms»

C. Féral (Institute for Research on Cancer and Aging, Nice, France)

«CD98hc controls cellular amino acid content: role in cell survival, proliferation and tumorigenesis»

Lecture

B. Manning (Harvard School of Public Health, Boston, USA)

«The TSC-mTOR network links oncogenic signaling to cancer metabolism»

End of the symposium

Friday 26 September