

## FEBS ADVANCED LECTURE COURSE ON ONCOMETABOLISM FROM CONCEPTUAL KNOWLEDGE TO CLINICAL APPLICATIONS

POSTER DIMENSIONS (MAXIMUM): 1.30 (height) x 1.05 (width)

PRESENTING AUTHOR	TITLE
<b>POSTER SESSION I: Monday, 19 June 2017   14.00–15.30</b>	
Peixoto J	Metabolic alterations in a model of glioblastoma stem cells
Hegedűs C	The role of NMNAT-1 in cancer cell chemosensitivity
Petővári G	Analysis of acetyl-CoA synthetase 2 expression and its activity in different tumour samples
Hohenegger M	Medium composition of human melanoma cells from different growth phases elucidates enhanced proliferation by alanine and glutamic acid
Radic K	Breast cancer metabolic traits – an emerging hallmark for therapeutic intervention
Cruz-Bermudez A	Microenvironment and metabolism in NSCLC
Coelho AR	The role of horizontal mitochondrial transfer to mtDNA-devoid cancer cells in tumour initiation
Carretero J	Metabolic reprogramming during epithelial to mesenchymal transition: molecular mechanisms and clinical impact in lung cancer
Gunes A	Thioredoxin interacting protein promotes aggressive phenotype in hepatocellular carcinoma
Boon SS	The oncogenicity of human papillomavirus type 58 E7 variants
Koziel A	The influence of chronic hypoxia on the aerobic metabolism of endothelial EA.hy926 cells
Torresano L	Overexpression of the ATPase Inhibitory Factor 1 favors a non-metastatic phenotype in breast cancer
Kafka E	(Contrasting) metabolic responses of LDHA and MCT1 inhibitors
Pereira J	P-cadherin enrichment dictates sensitivity of breast cancer cells to DCA metabolic reprogramming
Altea-Manzano P	Characterization of tumor cell lines undergoing a permanent metabolic challenge
Mastropasqua F	Mitochondrial dynamics in TIC-like ovarian cancer cells
<b>POSTER SESSION II: Wednesday, 21 June 2017   14.00–15.30</b>	
Henriques AA	Regulation of glucose uptake in mammalian cells by protein phosphorylation
Rosinska S	MAP kinase P38 is a novel target of CACYBP/SIP phosphatase
Vara-Ciruelos D	Targeting AMPK in a PTEN-null lymphoma model
Ratushna OO	Involvement of ubiquitin specific peptidases as well as IGFBP4, STC2, and GSA7/ATG7 proteins in IRE1 mediated control of glioma cell proliferation
Carissimi S	Dangerous liaison: organochlorine substances, energy metabolism and cancer
Horak I	Adaptor protein Ruk/CIN85 is a critical switch of EMT/MET programs in 4T1 cells
Granja S	Cancer cell-macrophage metabolic symbiosis: unravelling the role of monocarboxylate transporters (MCTs)
Ogrodna K	Coenzyme Q reduction level and reactive oxygen species production in <i>Acanthamoeba castellanii</i> mitochondrial respiratory chain
Antos-Krzeminska N	The effect of <i>Acanthamoeba castellanii</i> uncoupling protein expression on yeast mitochondria
Serrano E	ECM, exosomes and cytokines - the players in CSCs' dedifferentiation
Lee S	Crosstalk between RAF oncogenic signalling and tumour cell metabolism in malignant melanoma
Dando I	The antioxidant uncoupling protein 2 stimulates HNRNPA2/B1, GLUT1 and PKM2 expression and sensitizes pancreas cancer cells to glycolysis inhibition
Cannito S	SerpineB3 may affect liver cancer progression by different regulation of both hypoxia inducible factors -1 $\alpha$ and -2 $\alpha$
Foglia B	Oncostatin M induces increased invasiveness and angiogenesis in hepatic cancer cells through HIF1 $\alpha$ -related release of VEGF-A
Milano L	Characterizing a novel role for a DNA repair protein inducing the unfolded protein response to alkylation treatment
Butera G	Mutant p53 proteins induce chemoresistance through stabilization of glycolytic enzyme GAPDH in the cytoplasm of PDAC cells
Hatok J	Transcription and epigenetic analysis of apoptotic genes of normal and carcinoma endometrial tissues

**POSTER SESSION III: Friday, 23 June 2017 | 14.00–15.30**

Bai P	Microbiome – tumor relations, identifying a novel set of tumor metabolites?
Miranda-Santos I	Metabolic flux distribution heterogeneity across the cell division cycle – a <sup>13</sup> C-tracer approach
Skeberdytė A	Targeting colorectal cancer stem cells by combined therapy with ionophores and PDK inhibitors
Tkachenko AV	Cytotoxic and antitumor activity of lactaptin in combination with autophagy inducers or inhibitors
Hujber Z	Reducing lactate and 2-hydroxyglutarate oncometabolite levels by rapamycin in IDH1 mutant cell line
Fiorillo M	Mitochondrial “power” drives tamoxifen resistance: NQO1 and GCLC are new therapeutic targets in breast cancer
Guerra AR	Impact of an Eucalyptus bark lipophilic extract on the metabolism of tumor and epithelial breast cells as viewed by NMR metabolomics
Martins AS	Impact of platinum- and palladium-based drugs on osteosarcoma metabolism by NMR metabolomics
Mungo E	Potential role of energetic metabolism changes in the onset of chemoresistance in cancer cells
Prester L	The role of some bioactive dietary compounds in modulation of colorectal cancer
Ozsvari B	Targeting mitochondria to effectively eradicate cancer stem cells (CSCs), across multiple tumor types: Treating cancer like an infectious disease
Juraszek B	Modulation of SLC22A5 transporter activity in sensitizing glioma cells to the suppression of fatty acid oxidation by CPT1 inhibitors
Tataranni T	Rewiring carbohydrate catabolism differentially affects survival of pancreatic cancer cell lines with diverse metabolic profiles
Prelowska M	Evaluation of anticancer potential of glutamine metabolism modulation in plasma cell myeloma cell lines sensitive and resistant to chemotherapy
Hakobyan NR	Alterations in sphingomyelin:phosphatidylcholine ratio in chromatin preparations from rat liver and thymus cells after the cisplatin <i>in vivo</i> action
Nuevo-Tapióles C	Screening for ATPase inhibitory factor 1 (IF1) regulatory drugs
Costa MN	Heterologous expression of L-lysine $\alpha$ -oxidase from <i>Trichoderma harzianum</i> and evaluation of their antitumoral potential
Girolimetti G	Platinum-induced mitochondrial DNA mutations confer lower sensitivity to paclitaxel by impairing tubulin cytoskeletal organization