

Participants selected for oral presentations (10 min PowerPoint presentation):

A Krajcova	High resolution respirometry to assess function of mitochondria in native homogenates of human heart muscle
ACB Sant'Anna-Silva	Role of succinate in prostate cancer cells: uptake and mitochondrial respiratory function
E Musiol	Alpha-Tomatine as a Novel Membrane Permeabilizing Agent for Mitochondrial
J Vella	Exome Analysis sheds light on Mitochondrial Disorders
K Vujacic-Mirski	Development of analytical assays for the detection and quantification of reactive oxygen and nitrogen species in an animal model of type 1 diabetes - ROS formation involving mitochondrial and NADPH oxidase
L Crisostomo	Mitochondrion at the crosstalk between metabolic disease and dysfunction in male fertility?
M-K Torp	Intracellular complement factor 3 in the heart – a link to metabolism?
R Isola	AMPK deficiency elicits changes in OXPHOS in heart mitochondria
R Kampa	Cardioprotective flavonoids as a natural modulators of mitoBKCa channel
J Martins	Sweetheart: Cardiac consequences of fetal exposure to maternal gestational diabetes on the offspring mitochondrial function
T Ma	Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis
L Cardoso	Concomitant respiration and ATP production measurements to analyse P _o /O ₂ ratios at physiological normoxia
R Silva	Subchronic in vivo study for the evaluation of hepatic mitochondrial toxicity induced by silver nanoparticles
E Garipi	Phenotyping mitochondrial metabolism in Barrett's metaplasia-dysplasia-adenocarcinoma sequence: respiratory capacity, extracellular proton flux and ROS production