



Mitochondrial **bASiCs**: **A**TP, **S**ignaling and **C**alcium

Venerdì 1 luglio 2016

Aula Magna

Polo Vallisneri, Viale Giuseppe Colombo, 3

09:30 – 10:10

Nika Danial

Dana-Farber Cancer Institute, Harvard Medical School, Boston MA, USA

Metabolic fuel substrate switching and the excitable brain

10:10 – 10:50

Atan Gross

Department of Biological Regulation, Weizmann Institute, Rehovot, Israel

The role of mitochondrial metabolism in embryonic development and learning/memory

10:50 – 11:30

Navdeep Chandel

Department of Medicine and Cellular Biology, Northwestern University, Chicago IL, USA

Mitochondria as signaling organelles

11:30 – 12:00 Break

12:00 – 12:40

Orian Shirihai

Department of Medicine, UCLA and David Geffen School of Medicine, Los Angeles CA, USA

Mitochondrial dynamics in the regulation of energy efficiency and quality control

12:40 – 13:20

Janine H. Santos

Mammalian Genome Group, Epigenetics and Stem Cell Biology Laboratory, NIEHS/NIH, Bethesda MD, USA

Mitochondria and the epigenome: similar dysfunction, distinct outcomes

13:20 – 15:00 Break

15:00 – 15:40

Michael Forte

Vollum Institute, Oregon Health and Science University, Portland OR, USA

The MCU complex in Drosophila

15:40 – 16:20

György Hajnoczky

MitoCare Center, Thomas Jefferson University, Philadelphia PA, USA

ER-mitochondrial signaling

16:20 – 16:40 Break

16:40 – 17:20

Karin Nowikovsky

Department of Internal Medicine I and Comprehensive Cancer Center, Medical University of Vienna, Austria

Innovative metabolic targets in cancer therapy

17:20 – 18:00

Christoph Gerle

University of Hyogo, Graduate School of Life Science, Hyogo, Japan

Membrane bending and more – CryoEM of mammalian ATP synthase

La S.V. è cortesemente invitata