

## 2nd Mitochondria, Energy Metabolism & Cancer Meeting

Kennedy Lecture Theatre  
Institute of Child Health, Guildford Street, London

February 27, 2015

### Meeting Program

#### Friday, February 27

09:30 – 09:50 Registration and coffee

09:50 – 10:00 Opening statement

#### Session 1: Chair: Gyorgy Szabadkai

##### *Opening guest lecture:*

10:00 – 10:50 **Eyal Gottlieb** (Cancer Research UK, Beatson Institute, Glasgow)  
*Targeting metabolic vulnerabilities of TCA cycle-truncated tumours*

10:50 – 11:20 **Mariia Yuneva** (MRC National Institute for Medical Research, London)  
*Cancer metabolism lessons learnt from mouse models*

11:20 – 11:40 Coffee break

11:40 – 11:50 Abcam

11:50 – 12:20 **Patricia Sancho** (Barts Cancer Institute, London)  
*Pancreatic Cancer Stem Cells are characterized by a distinct metabolic phenotype with limited plasticity*

12:20 – 12:35 Short talks 1: **Elizabeth Stoll** (Newcastle University)  
*Fatty acid oxidation is required for the respiration and proliferation of malignant glioma cells*

12:35 – 12:50 Short talks 2: **Karl Morten** (University of Oxford, John Radcliffe Hospital)  
*Targeting metabolism as a therapeutic strategy: impact of the environment*

12:50 – 13:40 Lunch

#### Session 2: Chair: Eyal Gottlieb

13:40 – 14:10 **Ohad Yogev** (Cancer Institute, UCL, London)  
*Pathogenicity and tumorigenesis - regulation of cell metabolism by the Kaposi's sarcoma herpesvirus microRNAs*

14:10 – 14:40 **Andrea Rasola** (University of Padua)  
*Warburg caught in a TRAP? The mitochondrial chaperone TRAP1 and neoplastic transformation*

14:40 – 14:55 Short talks 3: **Teemu Miettinen** (University of Dundee)  
*Non-linear interplay between mitochondria and cell size*

14:55 – 15:10 Short talks 4: **Alexei Vazquez** (The Beatson Institute for Cancer Research)  
*The Warburg hypothesis revisited*

15:10 – 15:30 Tea break

- 15:30 – 15:45 Short talks 5 : **Cristina Mammucari** (Department of Biomedical Sciences, University of Padova)  
*Mitochondrial Ca<sup>2+</sup> uptake regulates breast cancer cell migration and invasion*
- 15:45 – 16:00 Short talks 6: **Verónica Torrano** (CICbioGUNE)  
*Master regulation of the transcriptional landscape of prostate cancer metabolism*
- 16:00 – 16:50 **Closing guest lecture:**  
**Rodrigue Rossignol** (INSERM EA4576, France)  
*Bioenergetics of lung tumours*
- 16:50 – 17:50 Reception with drinks, nibbles and poster viewing