



The 2nd UCL-JSPS international Symposium



Mitochondria

- from the fundamental aspects to medical importance -

25th and 26th June 2012, at UCL Wilkins Building, North Cloister
(UCL Main Campus, Gower Street, London, WC1E 6BT)

Booking your place!!

The symposium is free to attend however places are strictly limited.

To register, please visit <http://goo.gl/oHgH3>

Registration will close once all available places have been filled.

Monday 25th June

- 8:30 Symposium Room Open
- 9:10-9:15 **Opening Remarks**
Prof. Patrick Maxwell (Dean of the Faculty of Medical Sciences, UCL)
- 9:15-9:45 ***"The role of mitochondria in chemotherapy-induced painful peripheral neuropathy"***
Dr Sarah Flatters (Wolfson Centre for Age-Related Diseases, King's College London)
- 9:45-10:15 ***"The mitochondrial permeability transition pore and ischaemia reperfusion injury in the heart"***
Dr Sean Davidson (The Hatter Cardiovascular Institute, UCL)
- 10:15-10:45 *** Coffee/tea break ***
- 10:45-11:15 ***"Mitochondria, not just for energy!"***
Prof. Sir Salvador Moncada (The Wolfson Institute for Biomedical Research, UCL)
- 11:15-11:45 ***"Antiviral innate immunity and mitochondrial function"***
Dr Takumi Koshiba (Division of Biology, Faculty of Sciences, Kyushu University)
- 11:45-12:15 ***"Lysosomal dysfunction caused by glucocerebrosidase loss causes mitochondrial dysfunction as a consequence of impaired autophagy"***
Dr Laura D. Osellame & Prof. Michael R. Duchen
(Department of Cell and Developmental Biology, UCL)
- 12:15-13:45 *** Lunch ***
(Sandwich style lunch will be provided to the registered attendees).
- 13:45-14:15 ***"Mitochondrial fumarate reductase as a target of chemotherapy: from parasites to cancer cells"***
Prof. Kiyoshi Kita (Department of Biomedical Chemistry, Graduate School of Medicine, The University of Tokyo)
- 14:15-14:45 ***"Targeting bioactive molecules to mitochondria"***
Dr Michael Murphy (MRC Mitochondrial Biology Unit)

*** Special Presentations 14:45 – 15:25 ***

Message from JSPS London

14:45-14:50 **"Remarks"** by **Prof. Koza Hiramatsu** (Director, JSPS London)

14:50-15:05 **"Overview of JSPS and its funding programmes"**

Ms. Polly Watson (International Programme Coordinator, JSPS London)

15:05-15:15 **"Experiences as a JSPS fellow"**

Dr. Robert Edgington (London Centre for Nanotechnology, UCL)

15:15-15:25 **"Kyushu! - the great place for life and work!!"**

Takumi Koshiba

"Live locally, grow globally - research and life in Osaka"

Koji Okamoto

15:25-15:55

*** Coffee/tea break ***

15:55-16:25 **"Pathogenicities of mutant mitochondrial genomes in mammals"**

Prof. Kazuto Nakada (Department of Cell Biology, Faculty of Life and Environmental Sciences, University of Tsukuba)

16:25-16:55 **"Assembly of the mitochondrial respiratory chain enzyme cytochrome-c oxidase"**

Dr Jan-Willem Taanman (Institute of Neurology, UCL)

16:55-17:25 **"Molecular defects in human complex I deficiency"**

Dr Shamima Rahman (Institute of Child Health, UCL)

Tuesday 26th June

8:45 Symposium Room Open

9:15-9:45 **"The Regulation of cell fate by PGC-1 and DJ-1 transcriptional coregulators"**

Dr Gyorgy Szabadkai (Department of Cell and Developmental Biology, UCL)

9:45-10:15 **"Molecular mechanism of mitochondria-specific autophagy"**

Dr Koji Okamoto (Graduate School of Frontier Biosciences, Osaka University)

10:15-10:45

*** Coffee/tea break ***

10:45-11:15 **"Dynamics and function of mitochondria in the oocyte to embryo transition"**

Prof. John Carroll (Department of Cell and Developmental Biology, UCL)

11:15-11:45 **"The role of mitophagy in mitochondrial diseases"**

Prof. Joanna Poulton (Nuffield Department of Obstetrics and Gynaecology, University of Oxford)

11:45-12:15 **"Dynamic aspects of higher plant mitochondria"**

Dr Shin-ichi Arimura (Graduate School of Agricultural and Life Sciences, The University of Tokyo)

12:15-12:20 **Closing Remarks**

Dr Takehiro Yasukawa (The Wolfson Institute for Biomedical Research, UCL)

14:00-16:30 **Meet the Japanese Speakers (free communication session)**

Anyone who wishes to speak to the Japanese speakers is welcome without prior booking. Chat with them freely and informally – *graduate students and postdocs are very welcome!!*

Venue: Meeting room 2 in the Café area (1st floor) in Cruciform Building (inside The Wolfson Institute for Biomedical Research).