



The 2<sup>nd</sup> UCL-JSPS international Symposium



## *Mitochondria*

*- from the fundamental aspects to medical importance -*

25<sup>th</sup> and 26<sup>th</sup> June 2012, at UCL Wilkins Building, North Closure  
(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 25<sup>th</sup> June

8:30 Symposium Room Open

9:10-9:15 **Opening Remark**

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 **TBA**

Prof. Michael 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	<b><i>"Targeting bioactive molecules to mitochondria"</i></b> Dr Michael Murphy (MRC Mitochondrial Biology Unit)
14:45-15:25	<b><i>"Special Presentation"</i></b> <b><i>Message from JSPS London</i></b> <b><i>Life and research in Japan etc.</i></b>
15:25-15:55	*** Coffee/tea break ***
15:55-16:25	<b><i>"Pathogenicities of mutant mitochondrial genomes in mammals"</i></b> Prof. Kazuto Nakada (Department of Cell Biology, Faculty of Life and Environmental Sciences, University of Tsukuba)
16:25-16:55	<b><i>"Assembly of the mitochondrial respiratory chain enzyme cytochrome-c oxidase"</i></b> Dr Jan-Willem Taanman (Institute of Neurology, UCL)
16:55-17:25	<b><i>"Molecular defects in human complex I deficiency"</i></b> Dr Shamima Rahman (Institute of Child Health, UCL)

## Tuesday 26<sup>th</sup> June

8:45	Symposium Room Open
9:15-9:45	<b><i>"The Regulation of cell fate by PGC-1 and DJ-1 transcriptional coregulators"</i></b> Dr Gyorgy Szabadkai (Department of Cell and Developmental Biology, UCL)
9:45-10:15	<b><i>"Molecular mechanism of mitochondria-specific autophagy"</i></b> Dr Koji Okamoto (Graduate School of Frontier Biosciences, Osaka University)
10:15-10:45	*** Coffee/tea break ***
10:45-11:15	<b><i>"Dynamics and function of mitochondria in the oocyte to embryo transition"</i></b> Prof. John Carroll (Department of Cell and Developmental Biology, UCL)
11:15-11:45	<b><i>"The role of mitophagy in mitochondrial diseases"</i></b> Prof. Joanna Poulton (Nuffield Department of Obstetrics and Gynaecology, University of Oxford)
11:45-12:15	<b><i>"Dynamic aspects of higher plant mitochondria"</i></b> Dr Shin-ichi Arimura (Graduate School of Agricultural and Life Sciences, The University of Tokyo)
12:15-12:20	<b><i>Closing Remarks</i></b> Dr Takehiro Yasukawa (The Wolfson Institute for Biomedical Research, UCL)
14:00-16:30	<b><i>Meet the Japanese Speakers (free communication session)</i></b>
<p>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!!</p> <p>Venue: Meeting room 2 in the Café area (1<sup>st</sup> floor) in Cruciform Building (inside The Wolfson Institute for Biomedical Research).</p>	