



UCL

The 1st UCL - Tohoku University Symposium

<2010 JSPS London Symposium Series>

Monday 15th March, 10:00 – 17:50

Venue: JSPS London (near Euston station)

14 Stephenson Way, London NW1 2HD

**From Cell/Developmental Biology
to Neuroscience**

**Explore New Collaboration
New Funding Opportunity
New Research Experience
with Tohoku University, Japan**

Speakers

UCL

Pete Coffey (IOO)

Yukiko Goda (LMCB)

Karl Matter (IOO)

Stephen Price (CDB)

Semir Zeki (CDB)

Tohoku Univ

Mitsunori Fukuda

Kazumasa Ohashi

Kazuhiro Sogawa

Ken-ichiro Tsutsui

Hiroaki Yamamoto

Harukazu Nakamura

This symposium is free and open but we recommend that you pre-register for the symposium by **10 March** by sending e-mail to enquire@jgps.org. Necessary information is Name, Title, Organisation and e-mail address.

Organised by UCL, Tohoku University, and JSPS London
Contact: Prof. Shin-ichi Ohnuma, E-mail: s.ohnuma@ucl.ac.uk

**The 1st UCL-Tohoku University Symposium
<2010 JSPS London Symposium Series>
From Cell/Developmental Biology to Neuroscience**

**Organised by UCL Faculty of Life/Biomedical Sciences
Tohoku University, Faculty of Life Science
JSPS London**

Date: Monday 15th March, 10:00 – 17:50

Location: JSPS London

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PROGRAMME

9:30- Registration Coffee

10:00-10:10 **Opening remarks**
Prof. Derek Tocher
Prof. Phil Luthert
Prof. Harukazu Nakamura
Prof. Shin-ichi Ohnuma

Section-I

Chaired by Prof. Ohnuma

10:10-10:40 **Prof. Mitsunori Fukuda (Tohoku University)**
Title: Rab small GTPases control melanosome formation and transport in melanocytes

10:40-11:10 **Dr. Yukiko Goda (UCL LMCB)**
Title: Regulation of synaptic strength by integrins

11:10-11:40 **Prof. Kazumasa Ohashi (Tohoku University)**
Title: Cofilin phospho-regulation play a critical role in cell motility and neuritogenesis

11:40-12:10 **Prof. Karl Matter (UCL Institute of Ophthalmology)**
Title: Signalling at tight junctions and epithelial differentiation

12:10-12:25 **Prof. Yuko Furukawa (Director, JSPS London)**
JSPS presentation

12:25-1:40 Lunch

Section-II

Chaired by Dr. Fujita

1:40-2:10 **Prof. Kazuhiro Sogawa (Tohoku University)**
Title: Loss of response to intermittent hypoxia in paraganglion cells with magnesium deficiency

2:10-2:40 **Prof. Pete Coffey (UCL Institute of Ophthalmology)**
Title: Human embryonic stem cell derived RPE for the treatment of age-related macular degeneration

- 2:40-3:10 **Prof. Hiroaki Yamamoto (Tohoku University)**
Title: Functional divergence of mammalian melanin pigment cells
- 3:10-3:40 Tea/Coffee Break
- Section-III** **Chaired by Dr. Yamamoto**
- 3:40-4:10 **Prof. Semir Zeki (UCL, Wellcome Laboratory of Neurobiology)**
Title: Multiple Visual Consciousnesses
- 4:10-4:40 **Prof. Ken-ichiro Tsutsui (Tohoku University)**
Title: Neural correlates of category-based behavior control
- 4:40-5:10 **Dr. Stephen Price (UCL, Cell and Developmental Biology)**
Title: Cranial Motor Nucleus Formation Through the Regulated Expression of Cadherin Cell Adhesion Molecules
- 5:10-5:40 **Prof. Harukazu Nakamura (Tohoku University)**
Title: Organizing signal for development of the tectum and cerebellum
- 5:40-5:50 **Closing remark**
Prof. Nakamura
Prof. Mary Collins
- 6:30- Dinner with speakers
Location: TBA

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