Symposium Venues

Tang Court (LG1)

Seminar Rooms 1, 2, 3, 4 and Exhibition Area (G/F)

Cheung Kung Hai Conference Centre (G/F)

Foyer

Lecture Theatre 1

Lecture Theatre 2

Lecture Theatre 3

Lecture Theatre 4

Seminar Rooms 5, 6, 7 (LG1)

Reception Area

Fan Pui Garden (LG1)

Seminar Room 1

Seminar Room 2

Seminar Room 3

Seminar Room 4

Seminar Room 5

Seminar Room 6

Seminar Room 7

Library (LG1)

To Carpark (LG1)

LG1

G/F

Lecture Theatres 1-4: Cheung Kung Hai Conference Centre, G/F, William MW Mong Block
Seminar Rooms 1-3: G/F, Laboratory Block
Exhibition Area: G/F, Laboratory Block
Meeting information

Date: 18th May 2016

Venue: Cheung Kung Hai Conference Centre, Faculty of Medicine Building
       The University of Hong Kong, 21 Sassoon Road, Pokfulam, Hong Kong

Official Language: English

Meeting Secretariat:
Mr. Kenny Leung
School of Biomedical Sciences, The University of Hong Kong
21 Sassoon Road, Pokfulam, Hong Kong
Tel: +852 3917-9540  Email: kcleung8@hku.hk

Poster Presentations:
Size: within 90cm (w) x 130cm (h)
Presentation time: session I (12:50-1:50pm): presenters of posters with odd numbers
                   session II (3:20-4:20pm): presenters of posters with even numbers
Scientific Programme

8:00 – 8:30 am  Registration (Centre Lobby) & Poster Posting (Exhibition Area)

SKL Neuroscience Symposium

8:30 – 8:45 am  Welcome Address  at LT2

8:45 – 9:20 am  Plenary Lecture I  at LT2
Chairperson:
SHAM Pak Chung, The University of Hong Kong

Speaker:
TAM Patrick (PL1)
Embryology Unit, Children’s Medical Research Institute and School of Medical Sciences, Sydney Medical School, University of Sydney, New South Wales, Australia.

Title:
*Early development of embryonic brain: Impact of WNT signalling activity*

9:20 – 9:55 am  Plenary Lecture II  at LT2
Chairperson:
YUNG Wing-Ho, The Chinese University of Hong Kong

Speaker:
DAN Yang (PL2)
Howard Hughes Medical Institute, Department of Molecular and Cell Biology, University of California, Berkeley, USA.

Title:
*Neural Circuits Controlling Sleep*

9:55 – 10:25 am  Coffee/Tea Break and Exhibition Booth Viewing
10:25 am  **Symposium I**  at LT2

**Chairpersons:**
KE Ya, The Chinese University of Hong Kong
YUNG Ken Kin Lam, Hong Kong Baptist University

**Invited Speakers:**

10:25 – 10:45 am  CHANG Wing Chung, The University of Hong Kong *(S1)*
*Reinforcement learning deficits in patients with first-episode schizophrenia-spectrum disorder*

10:45 – 11:05 am  CHEUNG Vincent Chi Kwan, The Chinese University of Hong Kong *(S2)*
*Mechanisms of muscle coordination and their implications for neurorehabilitation*

11:05 – 11:25 am  LI Miaoxin, The University of Hong Kong *(S3)*
*Revisit associated genes of Schizophrenia in an existing whole-genome meta-analysis dataset*

11:25 – 11:45 am  SCHNUPP Jan, City University of Hong Kong *(S4)*
*Coding for multiple features of complex sounds: sound source pitch, timbre, and location*

11:45 – 12:20 pm  **Plenary Lecture III**  at LT2

**Chairperson:**
CHAN Ying-Shing, The University of Hong Kong

**Speaker:**
YAU King-Wai *(PL3)*
The Solomon H. Snyder Department of Neuroscience, Johns Hopkins University, USA

**Title:**
*Physical/Biochemical Limitations in Visual and Olfactory Transductions*

12:20 – 12:50 pm  **Lunch & Poster Posting**

12:50 – 1:50 pm  **Poster Session I** *(odd numbers)*  at Exhibition Area
### Annual Scientific Conference of the Hong Kong Society of Neurosciences

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:50 – 2:00 pm</td>
<td><strong>Hong Kong Society of Neurosciences Opening</strong></td>
<td>at LT2</td>
</tr>
<tr>
<td>2:00 pm</td>
<td><strong>Symposium II</strong></td>
<td>at LT2</td>
</tr>
<tr>
<td></td>
<td><strong>Chairpersons:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LAI Kwok-On, The University of Hong Kong</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MA Eddie Chi Him, City University of Hong Kong</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Invited Speakers:</strong></td>
<td></td>
</tr>
<tr>
<td>2:00 – 2:20 pm</td>
<td>PARK Hyokeun, Hong Kong University of Science and Technology (S5)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Synaptic Dysfunction in a Huntington’s disease</em></td>
<td></td>
</tr>
<tr>
<td>2:20 – 2:40 pm</td>
<td>LAU Geoffrey, City University of Hong Kong (S6)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Regulation of parvalbumin inhibitory circuit function by TrkB signaling</em></td>
<td></td>
</tr>
<tr>
<td>2:40 – 3:00 pm</td>
<td>YAU Sonata Suk Yu, Hong Kong Polytechnic University (S7)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Chronic minocycline treatment improves hippocampal NMDA receptor function, dendritic atrophy and memory processing in Fragile X Syndrome mice</em></td>
<td></td>
</tr>
<tr>
<td>3:00 – 3:20 pm</td>
<td>LEE Chi Wai, The University of Hong Kong (S8)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Regulation of acetylcholine receptor trafficking in neuromuscular development and disease</em></td>
<td></td>
</tr>
<tr>
<td>3:20 – 4:20 pm</td>
<td><strong>Coffee/Tea Break &amp; Exhibition Booth Viewing</strong></td>
<td></td>
</tr>
<tr>
<td>3:20 – 4:20 pm</td>
<td><strong>Poster Session II (even numbers)</strong></td>
<td>at Exhibition Area</td>
</tr>
</tbody>
</table>
Young Investigator Oral Presentations (Parallel Sessions)

4:20 pm  Oral Presentations I  at LT2

Chairpersons:
CHANG Raymond Chuen Chung, The University of Hong Kong
PARK Hyokeun, Hong Kong University of Science and Technology

Speakers:
4:20 – 4:30 pm  LAU Eva On-Chai, The Chinese University of Hong Kong (OP1)
Functional Role of TRPC5 Channels In Aortic Baroreceptors

4:30 – 4:40 pm  CHONG Chi Ho, The University of Hong Kong (OP2)
Lrrc7 mutant mice model developmental emotional dysregulation

4:40 – 4:50 pm  KWAN Pui Yi, The University of Hong Kong (OP3)
The Regulatory Roles of Semaphorin 3A and Chondroitin Sulfates on Perineuronal Nets in the Developing Vestibular Circuitry

4:50 – 5:00 pm  WALKER Steven, The Chinese University of Hong Kong (OP4)
A high throughput screening system for visualizing therapeutic drugs of neurodegenerative diseases

5:00 – 5:10 pm  TSUI Yat Ping, The University of Hong Kong (OP5)
Schwann cells demonstrated lineage plasticity in culture to acquire oligodendrocyte phenotypes

5:10 – 5:20 pm  CHENG Sally Shuk Yee, The University of Hong Kong (OP6)
Differential roles of the ubiquitin-proteasome system and autophagy in experimental models of Alzheimer’s disease

5:20 – 5:30 pm  KUMAR Gajendra, City University of Hong Kong (OP7)
Lycium Barbarum Polysaccharides accelerates axonal regeneration after peripheral nerve injury

4:20 pm  Oral Presentations II  at LT3

Chairpersons:
LO Amy Cheuk Yin, The University of Hong Kong
YAU Sonata Suk Yu, Hong Kong Polytechnic University

Speakers:
4:20 – 4:30 pm  JIANG Qiufen, The University of Hong Kong (OP8)
Antidepressant reinstates the plasticity in the adult vestibular nucleus

4:30 – 4:40 pm  CHINE Virendra Bhagawan, City University of Hong Kong (OP9)
Protection against paclitaxel-induced peripheral neuropathy by targeted overexpression of human heat shock protein 27 in neurons
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:40 – 4:50 pm</td>
<td>HUNG Clara Hiu-Ling, The University of Hong Kong (OP10)</td>
<td>The Dynamic Mitochondrial Network in Neurodegeneration</td>
</tr>
<tr>
<td>4:50 – 5:00 pm</td>
<td>DUAN Zhigang, The University of Hong Kong (OP11)</td>
<td>Kinesin-1 regulates extrasynaptic NMDAR targeting and its reduction can confer neuroprotection</td>
</tr>
<tr>
<td>5:00 – 5:10 pm</td>
<td>WU Ka-Chun, The Chinese University of Hong Kong (OP12)</td>
<td>PGC-1 rescues PINK1 deficiency-induced disease phenotypes in a Drosophila model of Parkinson's disease</td>
</tr>
<tr>
<td>5:10 – 5:20 pm</td>
<td>LAI Hei Ming, The University of Hong Kong (OP13)</td>
<td>A simple method for all to rapidly evaluate neuronal architectures in situ in three dimensions</td>
</tr>
<tr>
<td>5:20 – 5:30 pm</td>
<td>TETTEH Hannah, City University of Hong Kong (OP14)</td>
<td>Synaptic plasticity of interlamellar CA1 network in the hippocampus</td>
</tr>
<tr>
<td>5:30 – 6:05 pm</td>
<td><strong>Plenary Lecture IV</strong></td>
<td>at LT2</td>
</tr>
<tr>
<td></td>
<td>Chairperson: SHUM Daisy Kwok Yan, The University of Hong Kong</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Speaker: HAUSSER Michael (PL4)</td>
<td>Wolfson Institute for Biomedical Research, University College London, UK</td>
</tr>
<tr>
<td></td>
<td>Title: Active dendrites in grid cells</td>
<td></td>
</tr>
<tr>
<td>6:05 – 6:15 pm</td>
<td><strong>Awards Presentation &amp; Closing Remarks</strong></td>
<td>at LT2</td>
</tr>
</tbody>
</table>