

November 14 (Thu)

12:00 – 12:55 Registration, PC and network check

12:55 – 13:00 Opening: Naofumi Uesaka

Session 1

Chairperson: Michisuke Yuzaki

- **Invited Talk I**
13:00 – 13:45
Yoshiho Ikeuchi
"Constructing Neural Circuits by Connecting Organoids"
 - **Talk (1)**
13:45 – 14:15
Takuma Inoshita
"Reluctant synaptic vesicles increased by GPR55 in Purkinje cell axon terminals"
 - **Short Talk ①**
14:15 – 14:30
Yasunori Mori et al.
"Active zone protein CAST and ELKS define total recycling pool size at cultured hippocampal neurons"
 - **Break 14:30 – 15:00**
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Session 2

Chairperson: Takayuki Yamashita

- **Invited Talk II**
15:00 – 15:45
Yuichi Takeuchi
"Research and development of novel brain stimulation technologies for controlling neurological and psychiatric disorders"
 - **Talk (2)**
15:45 – 16:15
Takeshi Imai et al.
"Isotonic and minimally invasive optical clearing media for live cell imaging ex vivo and in vivo"
 - **Short Talk ②**
16:15 – 16:30
Susumu Jitsuki et al.
"Development of optical manipulation for synaptic function"
 - **Break 16:30 – 17:00**
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Session 3

Chairperson: Mitsuharu Midorikawa

- **Short Talk ③**
17:00 – 17:15
Takao Tsukahara
"Why We Need Six Methyltransferases for a Single Histone Modification in Post-Mitotic Neurons"

- **Short Talk ④**
17:15 – 17:30
Congyun Jin et al.
"The effects of astrocyte activation on the regulation of experience-dependent plasticity in the retina-dorsal lateral geniculate nucleus after the critical period"
- **Talk (3)**
17:30 – 18:00
Ayako Ishikawa et al.
"Regulation of acetylcholine functions through non-synaptic adhesion structures"

(Social gathering) 18:10 –

November 15 (Fri)

Session 4

Chairperson: Shinya Kawaguchi

- **Invited Talk III**
9:00 – 9:45
Kenichiro Nagahama
"Tracing neuronal dynamics underlying higher-order behavior"
- **Talk (4)**
9:45 – 10:15
Yuki Sugaya et al.
"Unique Activity of Adult-Born Granule Cells Promotes Fear Memory Extinction"
- **Short Talk ⑤**
10:15 – 10:30
Daisuke H. Tanaka et al.
"Visceral cortical neurons encode and induce disgust reactions in mice"
- **Break 10:30 – 11:00**

Session 5

Chairperson: Madoka Narushima

- **Talk (5)**
11:00 – 11:30
Kengo Inada
"Neural circuit remodeling supports pregnancy-associated excessive food intake in female mice"
- **Talk (6)**
11:30 – 12:00
Hesheng Chen
"Cyclic AMP underlies graded potassium channel expression along the tonotopic axis in the avian auditory brainstem"
- **Invited Talk IV**
12:00 – 12:45
Fukunaga Izumi
"Probing stimulus encoding in the olfactory bulb using synthetic olfactory stimuli"

12:45 – 12:50 **Closing:** Naofumi Uesaka