

## March 6<sup>th</sup> (Wed)

### Plenary Keynote & Short Talk Sessions

**09:30-10:00 Registration**

**10:00-10:05 Opening Remarks**

**10:05-11:05 Plenary Keynote**  
**Dr. Kazutoshi Mori**

**11:15-12:15 Short Talk Session 1**

**S-1 Naoya Hino**

ERK activation waves mediated by intercellular mechanical signaling during collective cell migration

**S-2 Kiyoshi Tohyama**

Visualizing the orientation of single actin filaments in living cells

**S-3 Carlos Rodriguez**

Phosphorylation of the synaptonemal complex protein SYP-1 in chromosome segregation

**S-4 Ayaka Bota**

Cellular dynamics of the hippocampus and anterior cingulate cortex in consolidation of spatial memory

**12:15-13:30 Lunch**

**13:30-14:15 Short Talk Session 2**

**S-5 Rina Nagata**

Exploring a universal mechanism of cell competition

**S-6 Kakeru Itoh**

RNA methylation regulates the expression of *Csnk1d*

**S-7 Kotaro Harada**

The identification of novel components interacting with selective mRNA exporter RNA helicase URH49

**14:20-15:20 Short Talk Session 3**

**S-8 Jin Kuroha**

Identification and crystal structure of human lipopeptide-presenting MHC class I molecules

**S-9 Hirofumi Aso**

Transcriptomic meta-analysis of interferon-stimulated genes in multiple cell lineages targeted by HIV-1 infection

**S-10 Ryoma Tamura**

Analysis of the role of segment-specific non-coding regions of influenza A virus genome in regulation of transcription and replication

**S-11 Takuma Asahi**

Local IL-15 dependency of liver-resident ILC1

**15:20-15:55 Coffee break**

**15:55-16:40 Short Talk Session 4**

**S-12 Ayumi Mure**

The nutritional basis of *Drosophila* associated microbes for larval growth

**S-13 Pin-Wu Liu**

Endogenous inhibitors of CaMKII (CaMKNs) regulate translocation and accumulation of synaptic protein during long-term potentiation

**S-14 Jiaqi Li**

Genetic screening for cooperative factors driving malignant tumorigenesis with Ras<sup>V12</sup>

**16:50-18:50 Poster Session**

## March 7<sup>th</sup> (Thu)

### Long Talk Sessions

**09:45-10:00 Registration**

**10:00-11:15 Long Talk Session 1**

**L-1 Miriam N. Ojima**

Probiotic *Bifidobacterium bifidum* Alters the Gut Microbiome after Repeated Antibiotic Disturbance but Contributes to the Recovery of Host Health

**L-2 Sihao Liu**

Post-prandial FGF1 suppresses adipose lipolysis to maintain glucose homeostasis

**L-3 Shohei Ochi**

The significance of the oscillatory expression of Hes1 gene in neural development

**11:20-12:35 Long Talk Session 2**

**L-4 Jaclyn M. Fingerhut**

Satellite DNA-containing gigantic introns in a unique gene expression program during *Drosophila* spermatogenesis

**L-5 Bojie Cong**

Tumor progression driven by polyploid giant cells in *Drosophila*

**L-6 V. Pragathi Masamsetti**

Replication stress induces mitotic cell death through parallel pathways regulated by cohesion fatigue and telomere deprotection

**12:35-14:00 Lunch**

**14:00-15:15 Long Talk Session 3**

**L-7 Mengping Wei**

ABHD6 negatively regulates the trafficking and function of AMPA receptors

**L-8 Risa Sueda**

High Hes1 expression and resultant Ascl1 suppression regulate quiescent versus active neural stem cells in the adult mouse brain

**L-9 John Vaughan**

Neural homeostasis in aging and disease: a genetic screen for GBA-interactors

**15:15-15:45 Coffee break**

**15:45-17:00 Long Talk Session 4**

**L-10 Anjali Bisaria**

Time-Stable Gradients in Membrane-Cytoskeleton Attachment Inhibit Nascent Protrusion and Promote Persistence During Migration

**L-11 Alejandro Giraldo-Fonseca**

Identifying Key Factors Involved in Sexual Plant Reproduction Using Tissue-Specific Transcriptome and Methylome Data of the liverwort *Marchantia polymorpha*

**L-12 Ivana Duic**

Molecular Mechanism of Viral RNA Recognition and MDA5 Activation Through LGP2

## March 11<sup>th</sup> (Mon)

### Career Development Session

**14:00-14:15 Reception**

**14:30-15:00 Move to Kansai Seminar House**

**15:00-17:00 Talk Session**

**Talk1 Tomohiro Asano**

**Talk2 Kyoko Hirano**

**Talk3 Hiroataka Kazuma**

**Talk4 Tomomi Kiyomitsu**

**Talk5 Kyogo Kawaguchi**

**Talk6 Sakiko Honjoh**

**17:30- Dinner**

**19:00-20:00 Panel discussion**

**20:00-21:00 Recreation game**

**21:00- Free time**

## March 12<sup>th</sup> (Tue)

**8:00- Breakfast**

**-10:00 Check out**

**13:30~15:30 Alumni Seminar**

卒業生による日本語のセミナー

(Building G, 2Fセミナー室A)

**Talk 1 本城咲季子**

**Talk 2 清光智美**

**Talk 3 川口 喬吾**