

## March 3rd (Tue)

**9:00 ~ 9:30**      **Registration**

**9:30 ~ 9:35**      **Opening Remarks**

**9:35 ~ 11:15**    **Long-Talk session 1**

### **L-1 Kohei Harada**

HGF-induced serine 897 phosphorylation of EphA2 regulates epithelial morphogenesis in three-dimensional culture.

### **L-2 Charlotte Kirchhelle**

RAB-A5c GTPase and the Regulation of Cell Shape in Arabidopsis Roots.

### **L-3 Toru Hiratsuka**

Intercellular propagation of extracellular signal-regulated kinase activation revealed by in vivo imaging of mouse skin.

### **L-4 Aino Komatsu**

Evolutionary insights into phototropin-mediated blue-light signaling in land plants.

**11:25 ~ 12:40**    **Long-Talk session 2**

### **L-5 Yuzhe Li**

A model of Amygdala-mPFC interaction for resistance to extinction of conditioned-fear memory.

### **L-6 Jue Wang**

The Costs and Benefits of Microbial Procrastination.

### **L-7 Arnold Hayer**

Polarity signaling between cells mediated by curvature sensing of engulfed cadherin fingers.

**12:40 ~ 13:50**    **Lunch**

**13:50 ~ 15:30**    **Long-Talk session 3**

### **L-8 Dongbo Shi**

Roles of seven-pass transmembrane cadherin Celsr1 in the polarity formation of mouse oviduct epithelium.

### **L-9 Menno Oudhoff**

Setd7 links the Hippo/Yap and Wnt/ $\beta$ -catenin pathways in intestinal regeneration and Tumorigenesis.

### **L-10 Andrew Peters**

Cortical plasticity of motor learning.

### **L-11 Marisa Goo**

Synaptic strength is bidirectionally controlled by opposing activity-dependent regulation of Nedd4-1 and USP8.

**15:30 ~ 15:45**    **Coffee break**

**15:45 ~ 17:25**    **Long-Talk session 4**

### **L-12 Ryo Narita**

A Novel Function of Human Pumilio Proteins in Cytoplasmic Sensing of Viral Infection.

### **L-13 Yoji Tsugawa**

Analysis of novel interferon lambda responsive gene suppressing hepatitis C virus infection.

### **L-14 Akihiro Kawatsuki**

HTLV-1 bZIP factor (HBZ) targets Retinoblastoma (Rb) protein and activates E2F-1 to promote cell cycle entry of CD4+ T cells.

### **L-15 Silvia Kluge**

Nef Proteins of Epidemic HIV-1 Group O Strains Antagonize Human Tetherin.

**17:30 ~ 19:30**    **Poster session**

**17:30 ~ 18:30**    **Odd number**

**18:30 ~ 19:30**    **Even number**

## March 4th (Wed)

**9:00 ~ 9:30**      **Registration**

**9:30 ~ 10:30**    **Short-Talk session 1**

### **S-1 Riki ishibashi**

Mouse Inscuteable regulates mesodermal cell fate decision during mouse ES cells differentiation.

### **S-2 Amanda Claire Horton**

The effect of virus concentration on viral replication in-vitro.

### **S-3 Yubing Cui**

Characterization of the hemi-methylated CpG methylation process using fluorescent labeled SRA.

### **S-4 Ayumi Miyamoto**

New tuberculosis vaccine strategies by the use of CD1-lipid immunity.

**10:40 ~ 11:40**    **Short-Talk session 2**

### **S-5 John Vaughen**

Cell competition's players: the genetics of tumor-suppression

### **S-6 Takao Ito**

Genetic analysis of the intratumor heterogeneity-induced tumor progression mechanism.

### **S-7 Koichiro Akiyama**

Analysis of the conserved membrane re-entrant loop of RseP, an intramembrane-cleaving protease.

### **S-8 Junfeng Shi**

Effects of a tricaprilyn emulsion on anti-glomerular basement membrane glomerulonephritis in rats: in vivo and in silico studies.

**11:40 ~ 12:40**    **Short-Talk session 3**

### **S-9 Rie Koide**

Establishment of a quantitative assay for feline morbillivirus.

### **S-10 Shota Sakaguchi**

Novel types of programmed necrosis induced by IFN- $\gamma$  in wild-type and caspase-8 KO mouse embryonic fibroblasts.

### **S-11 Kelly Kawabata**

Metastasis Suppressor 1 Stabilizes Dendritic Arborization in Early Development and Regulates Spine Length in Purkinje Cells.

### **S-12 Akira Hashimoto**

LacZ marker rescue assay is a useful infectivity assay to monitor contamination of infectious gammaretrovirus in biologicals.

**12:40 ~ 13:50**    **Lunch**

**13:50 ~ 14:50**    **Short-Talk session 4**

### **S-13 Kentaro Umeda**

Opposite regulation by two afadin isoforms of R-Ras-mediated axon branching.

### **S-14 Lianyong Wang**

Calcium-sensing receptor homolog, CrCAS, is required for regulation of carbon-concentrating mechanism in a green algae, *Chlamydomonas reinhardtii*.

### **S-15 Keitaro Nagayama**

CYCLING DOF FACTOR is a repressor of photoperiodic growth-phase transition in the liverwort, *Marchantia polymorpha*.

### **S-16 Yusuke Okuyama**

Regulation of the RhoG-specific guanine nucleotide exchange factor SGEF by tyrosine Phosphorylation.

**15:00 ~ 16:00**    **Short-Talk session 5**

### **S-17 Shoichi Sakaguchi**

Truncated envelope protein of endogenous retrovirus in blood facilitates infection of a pathogenic exogenous retrovirus.

### **S-18 Soichiro Shitara**

Evidence for the thymic origin of  $\gamma\delta$  IEL.

### **S-19 Kumiko Kobayashi**

Quantification of synchronized oscillation in mouse segmentation clock.

### **S-20 Sara Holditch**

Guanylyl cyclase A-targeted gene therapy ameliorates disease progression in autosomal recessive polycystic kidney disease.

**16:00 ~ 17:00**    **Short-Talk session 6**

### **S-21 Kenichi Fujita**

The identification of regions regulating different complex formations of UAP56 and URH49, which are essential for mRNA export.

### **S-22 Katashi Deguchi**

Atomic Force Microscopic Analyses on Cytoplasmic Innate Immune Events.

### **S-23 Madoka Ohmae**

Identification of inter-organ vascular network: Vessels bridging between organs.

### **S-24 Anjali Bisaria**

Lights, Camera, Actin: Visualizing Cytoskeletal Dynamics in collectively Migrating HUVEC.

**19:00 ~ Get-together @ Camphora**