

March 10th (Thu)

9:00 - 9:30 Registration

9:30 - 9:35 Opening Remarks

9:35 - 10:50 Short-Talk session 1

S-1 Akiko Kogure

MicroRNAs regulate fasting-induced longevity

S-2 Yumi Konagaya

Imaging cellular energy metabolism in transgenic mice expressing FRET biosensors for AMPK and S6K

S-3 Hiroto Abe

Investigation of Potential Inhibitors of Interferon Regulatory Factor-3 as a Therapeutic Target of Autoimmunity

S-4 Naoto Noma

Cellular senescence in long-term cultured cardiomyocytes

11:00 - 12:15 Short-Talk session 2

S-5 Purwanto

Molecular Characterization of O-Methyltransferases Involved in Benzophenanthridine Alkaloids Biosynthesis in *Eschscholzia californica*

S-6 Tatsuki Abe

Ricinoleic acid production in a centric diatom, *Chaetoceros gracilis*

S-7 Rui Sun

Functional Analysis of the GA–GID1–DELLA Signaling Module in the liverwort *Marchantia polymorpha*

S-8 Kaori Watanabe

Deciphering distinct dietary responses to nutrient balances governing growth among *Drosophila* species by comparative multi-omics approaches

12:15 - 13:30 Lunch

13:30 - 14:45 Short-Talk session 3

S-9 John Vaughen

Epithelial Slit-Robo signaling regulates tumor-suppressive cell competition

S-10 Yoshinori Takeda

The knockdown of the condensin protein, SMC2, induces possible cell death in tumor cells

S-11 Ding Yi

A role of sumoylation in maintenance of centromeric cohesion at telophase I

S-12 Yuya Sanaki

Genetic analysis of cell competition using a novel *Minute* model

14:55 - 16:10 Short-Talk session 4

S-13 Youichi Uda

Development of genetically-encoded red light inducible dimerization system

S-14 Koun Onodera

Neuronal processing of nociceptive stimuli mediated by dendritic Ca²⁺ transients and specific firing patterns

S-15 You Kure Wu

Nuclear rotation in migrating neurons of the developing brain

S-16 Linda Yang

Interacting Interactomes: Investigating the association between Bromodomain Containing Protein 4, BRD4, and the human CST complex reveals novel convergence on the Transcription-coupled Nucleotide Excision Repair Pathway

16:10 - 16:30 Coffee Break

16:30 - 18:00 Short-Talk session 5

S-17 Yukie Otakaki

Genomic analysis specialized in Hepatitis B Virus (HBV) infected cells

S-18 Yuichi Akahori

Development of a new hepatitis B virus culture system using immortalized human hepatocytes stably producing human sodium/taurocholate cotransporting polypeptide and cultured in three dimensional condition.

S-19 Mohamed Mahgoub

Fluctuating expression of HTLV-1 tax gene in adult T-cell leukemia cells

S-20 Hitomi Okamura

Long chain saturated fatty acid contributes to the production of hepatitis B virus particles

S-21 Fumihiko Takeuchi

New screening system for HBV cccDNA

18:05 - 19:05 Poster session (odd number)

March 11th (Fri)

9:00 - 9:30 Registration

9:30 - 11:00 Long-Talk session 1

L-1 Masaki Arata

The atypical cadherin Dachsous-dependent mechanism of directing collective cell migration

L-2 Malika Mekhalfi

A plant-specific dual-specificity tyrosine-phosphorylation-regulated kinase (DYRKP) as a new target for improving energy storage in microalgae

L-3 Asuka Higo

Toward understanding the regulatory network for gene expression during the plant spermatogenesis using a liverwort *Marchantia polymorpha*.

11:10 - 12:10 Long-Talk session 2

L-4 Takamasa Kudo

Single-cell analysis of signaling dynamics and transcriptome in macrophages

L-5 Amir Giladi

Single-cell genomic analysis of hematopoietic progenitors: Towards a refined model of hematopoiesis

12:10 - 13:25 Lunch

13:25 - 15:25 Long-Talk session 3

L-6 Megumi Ikeda

Dormant Embryonic Stem Cell Emerge during Neural Differentiation via FoxO3

L-7 Michael L. Zhao

A circadian code for fat cell differentiation

L-8 Yuichi Mitobe

HTLV-1 bZIP factor (HBZ) RNA and protein imparts distinct function on T-cell proliferation and survival

L-9 Leo Otsuki

Suppression of insulin signalling by Tribbles maintains neural stem cells in a dormant state

15:25 - 15:45 Coffee Break

15:45 - 17:45 Long-Talk session 4

L-10 Ogheneochukome Lolodi

Kinetic analysis of karyopherin-mediated transport through the nuclear pore complex

L-11 Victoria Linehan

Na⁺/K⁺-ATPase-dependent intrinsic plasticity of Melanin-Concentrating Hormone neurons in obesity

L-12 Yuzhe Li

Uncertainty-dependent Extinction of Fear Memory in Neural Circuit Model of Amygdala-mPFC

L-13 Weiwei Fan

Exercise-Mimetic Boosts Endurance Performance by Inducing a Ppar δ -Dependent Metabolic Shift in Skeletal Muscle.

17:50 - 18:50 Poster session (even number)

19:30- Get-together @ Camphora