

## **Wednesday August 24**

09:45 **Registration**

10:00-10:10 **Opening address/ Introduction of guests** 1F Main Hall  
Naoyuki Inagaki (Professor, International Education Committee)

10:10-11:10 **Oral Session 1** 15+5 min./person

Chair : **Chia Kim Hou** 1F Main Hall  
**Shuhei Horibe**

O-01 (P-33①) Izumi Dateyama  
Trafficking and signaling of Ciliary GPCR 5HT6

O-02 (P-67①) Kenny Lischer  
Mechanical response of epithelial cells during eye size regulation in zebrafish

O-03 (P-35②) Dyaningtyas Dewi Pamungkas Putri  
Functional elucidation of phospholipids in modulating innate immune response

11:10-11:20 Group Photograph

11:20-11:30 Break

11:30-12:30 **Oral Session 2** 15+5 min./person

Chair : **Vasagi Ramachandran** 1F Main Hall  
**Takuya Sueyoshi**

O-04 (P-48②) Chang Phooi Yee  
Effects of DNA replication stress on oxidative DNA damage in *Escherichia coli*

O-05 (P-60②) Chek Min Fey  
Structural studies of glutamine synthetase providing acetyl-degron for ubiquitylation

O-06 (P-49②) Ryota Miyahara  
Effect of external pH on cellular level of oxidative DNA damage in *Escherichia coli*

12:30-13:30 Lunch 1F Restaurant "Sakishima"

13:30-14:30 **Oral Session 3** 15+5 min./person

Chair : **Izumi Dateyama** 1F Main Hall  
**Takunori Minegishi**

O-07 (P-70②) Yuhei Kawamoto  
The involvement of Myosin VI in epidermal replacement

O-08 (P-68②) Atsushige Ashimori  
Effect of Nampt/NAD<sup>+</sup> on circadian clock gene regulation

O-09 (P-73②) Shota Morikawa  
Perineuronal nets enwrapping excitatory neurons preferentially encode associative memory

14:30-14:40 Break

14:40-15:40 **Oral Session 4** 15+5 min./person

Chair : **Chek Min Fey** 1F Main Hall  
**Atsushige Ashimori**

- O-10 (P-63②) Arata Furukawa  
Structural and functional analysis of Sec complex
- O-11 (P-53②) Yuichiro Tanaka  
Toward complete understanding of metabolic network of *E. coli* K-12
- O-12 (P-38②) Endah Puji Septisetyani  
Analysis of LGR5 Function in Myogenic Differentiation

15:40-15:50 Break

15:50-16:50 **Oral Session 5** 15+5 min./person

Chair : **Ebdah Puji Septisetyani** 1F Main Hall  
**Miku Ohfurudono**

- O-13 (P-54②) Nurhezreen Binti Md Iqbal  
Dynamics of single-gene deletion populations under antibiotic stress
- O-14 (P-58②) Takpho Natthaporn  
The metabolic regulation mechanism and physiological role of valine in the yeast *Saccharomyces cerevisiae*
- O-15 (P-59②) Nagisa Hamamoto  
RNase J degrades L-lysine synthesis gene transcripts in *Corynebacterium glutamicum*

16:50-17:00 Break

17:00-18:00 **Oral Session 6** 15+5 min./person

Chair : **Arata Furukawa** 1F Main Hall  
**Takpho Natthaporn**

- O-16 (P-57①) Chia Kim Hou  
The Rag GTPase ortholog binding (Rob) protein complex is a novel negative regulator of TORC1 in fission yeast
- O-17 (P-4②) Vasagi Ramachandran  
Functional analysis of Dof transcription factors regulating property of secondary cell walls
- O-18 (P-6②) Risaku Hirai  
Studies on regulatory mechanism of VND family activity for xylem vessel cell differentiation

18:00-18:10 **Operation Check**

18:10-19:00 **Poster Preview** 90 sec. each × 23 people 1F Main Hall

19:00-20:00 **Dinner & Check-in** 1F Restaurant "Sakishima"

20:00-22:00 **Poster Session 1** 2F Cosmo Hall

22:00 **Mixer** 2F Cosmo Hall

## Thursday August 25

07:00-09:00 Breakfast, Checkout 1F Restaurant "Sakishima"

09:00-10:00 **Oral Session 7** 15+5 min./person

Chair : **Huang Liguo** 1F Main Hall  
**Yasunori Sugano**

O-19 (P-19①) Tran Minh Duc  
A novel regulation mode of transmembrane ER-stress sensor Ire1 in *Saccharomyces cerevisiae* cells shifted to the stationary phase

O-20 (P-52①) Taiki Akiba  
Development of a novel high-throughput method via transposon to detect genetic interaction in bacteria

O-21 (P-47①) Kensuke Okumura  
Functional analysis of an alternative product of *dnaN* gene of *Escherichia coli*

10:00-10:10 Break

10:10-11:10 **Oral Session 8** 15+5 min./person

Chair : **Tran Minh Duc** 1F Main Hall  
**Risaku Hirai**

O-22 (P-29①) Takuya Sueyoshi  
Identification of HuR as a molecule that mediates antiviral innate immune responses

O-23 (P-20①) Motoya Murase  
Regulation of antiviral innate immune responses by ELMO domain-containing protein 2 (ELMOD2)

O-24 (P-25①) Miku Ofurudono  
Molecular mechanism of XBP1u translational pausing

11:10-11:20 Break

11:20-12:20 **Oral Session 9** 15+5 min./person

Chair : **Kensuke Okumura** 1F Main Hall  
**Yuhei Kawamoto**

O-25 (P-64①) Ardaning Nuriliani  
Circadian genes oscillation regulated by enzymes in NAD<sup>+</sup> salvage pathway

O-26 (P-74①) Takunori Minegishi  
Functional analysis of shootin1b in neuronal migration

O-27 (P-61①) Yasunori Sugano  
Crystal Structures of SecYEG in Lipidic Cubic Phase

12:20-13:20 **Lunch** 1F Restaurant "Sakishima"

13:20-15:20 **Poster Session 2** 2F Cosmo Hall

15:20-15:40 **Poster Withdrawal**

15:40-16:40 **Oral Session 10** 15+5 min./person

Chair : **Kenny Lischer**  
**Motoya Murase**

1F Main Hall

- O-28 (P-23①) Nur Ayunie Binti Zulkepli  
Molecular mechanism of SUMOylation regulated by PKA signaling
- O-29 (P-30①) Shuhei Horibe  
The role of Ric-8A and Gai signaling in centriole duplication
- O-30 (P-75①) Huang Liguo  
Functional analyses of *rab33a* in zebrafish brain formation

16:40-17:00 **Review**

- Tsuyoshi Mizoguchi** (Professor, Department of Natural Sciences, Division of Arts and Sciences,  
International Christian University) 1F Main Hall
- Ryosuke Hayama** (Assistant Professor, Department of Natural Sciences, Division of Arts and Sciences,  
International Christian University)
- Kazuhiko Oshima** (Associate Professor, Department of Computer Science  
Nagahama Institute of Bio-Science and Technology)
- Satoko Maki** (Assistant Professor, International Education Committee)

17:00-17:10 **Closing Remarks**

**Takashi Hashimoto** ( Professor, Vice Dean )