

## Wednesday August 28

10:00      **Registration - assemble at the main hall**

10:30-10:40    **Opening Address/ Introduction of guests**                      1F Main Hall  
                    **Takashi Hashimoto** (Professor, Education Committee)

10:40-12:00    **Oral Session 1**    (80 min.)    15+5 min./person

Chair :    **Akihiro Hiraki** (D2, Hakoshima Lab),                      1F Main Hall  
                    **Keiichi Shibagaki** (D2, Kohno Lab)

- O-01 (P-38A) **Le Phuong Hang** (Maki Lab)  
A sequence flanking CAG/CTG trinucleotide repeats in the gene responsible for Huntington's disease has a potential for blocking DNA polymerases and may cause the replication fork arrest.
- O-02 (P-39A) **Lim Chew Theng** (Maki Lab)  
Biochemical analysis of *Escherichia coli* SbcCD that promotes genetic instability at long- inverted repeats.
- O-03 (P-36A) **Astuti Rika Indri** (Takagi Lab)  
The role of nitric oxide in *Schizosaccharomyces pombe* under stress condition
- O-04 (P-37A) **Yuki Tatehashi** (Takagi Lab)  
Novel biological function of the yeast  $\gamma$ -glutamyl kinase that is a key enzyme for proline synthesis.

12:00-13:00    Lunch (60 min.)    1F Restaurant "Sakishima"

13:00-14:20    **Oral Session 2**    (80 min.)    15+5 min./person

Chair :    **Shin-ichiro Hirai** (D2, Kohno Lab),                      1F Main Hall  
                    **Teo Chin Jit** (D2, Shimamoto Lab)

- O-05 (P-13A) **Muthi Ikawati** (Kawaichi Lab)  
Roles of HtrA1 and HtrA3 in arterial abnormalities
- O-06 (P-15A) **Miho Kawata** (Shiosaka Lab)  
Neurospine-mediated regulation of NRG-1-ErbB4 signaling
- O-07 (P-02A) **Nobuo Ogita** (Umeda Lab)  
Study on the functional role of SOG1, a key transcription factor controlling the DNA damage response in *Arabidopsis*
- O-08 (P-35A) **Yumiko Toyoda** (Sato Lab)  
Study of a novel role of Secreted Frizzled-Related protein 2 in skin wound healing

14:20-14:40 Break (20 min.)

14:40-16:00 **Oral Session 3** (80 min.) 15+5 min./person

Chair : **Muthi Ikawati** (D2, Kawaichi Lab), 1F Main Hall  
**Hirofumi Noguchi** (D2, Bessho Lab)

O-09 (P-14A) **Keiichi Shibagaki** (Kohno Lab)  
Study on the ocular surface phenotype of IRE1 $\beta$   $-/-$  mice

O-10 (P-12A) **Shin-ichiro Hirai** (Kohno Lab)  
Autophagic arrest and lysosomal dysfunction in 2-Phenyl-APB-144 induced retinal pigment epithelium degeneration

O-11 (P-22A) **Rubwad Mathuranyanon** (Kohno Lab)  
Fine regulation of yeast ER stress sensor Ire1 by its N-terminal intrinsically disordered region

O-12 (P-31A) **Akihiro Hiraki** (Hakoshima Lab)  
Structural studies of mTOR regulatory proteins

16:00-16:20 Break (20 min.)

16:20-16:50 **Poster Preview 1** 90 sec. each  $\times$  18 people 1F Main Hall

16:50-17:00 Break (10 min.)

17:00-17:30 **Poster Preview 2** 90 sec. each  $\times$  17 people 1F Main Hall

17:30-19:00 Dinner & Check-in (90 min.) 20F Restaurants

19:00-21:40 **Poster Session 1** (160 min.) 2F Gymnastic Hall

21:40-23:00 **Mixer** (80 min.) 2F Gymnastic Hall

## Thursday August 29

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

09:00-10:00 **Oral Session 4** (60 min.) 15+5 min./person

Chair : **Le Phuong Hang** (D2, Maki Lab), 1F Main Hall  
**Miho Kawata** (D2, Shiosaka Lab)

O-13 (P-25B) **Hirofumi Noguchi** (Bessho Lab)  
Functional analysis of DNMT1 in late-gestational neural stem cells

O-14 (P-17B) **Kouki Abe** (Inagaki Lab)  
Role of a clutch molecule Shootin1 in laminin induced axon formation

O-15 (P-26B) **Naoyuki Tahara** (Bessho Lab)  
Celf1 is required for formation of endoderm-derived organs in zebrafish

10:00-10:20 Break (20 min.)

10:20-11:40 **Oral Session 4** (80 min.) 15+5 min./person

Chair : **Astuti Rika Indri** (D2, Takagi Lab), 1F Main Hall  
**Nobuo Ogita** (D2, Umeda Lab)

O-16 (P-45B) **Ariunzaya Tsolmonbaatar** (Takagi Lab)  
Functional analysis of the putative amino acid transporter Avt7 of *Saccharomyces cerevisiae*.

O-17 (P-03B) **Teo Chin Jit** (Shimamoto Lab)  
Analysis of Florigen Function in Potato Tuberization

O-18 (P-02B) **Miho Suzuki** (Shimamoto Lab)  
Functional analysis of rice TFL1/CEN homolog, RCN.

O-19 (P-34B) **Kyohei Saiki** (Sato Lab)  
Uncovering metabolic adaptation of cardiac fibroblast to ischemia

12:00-13:00 Lunch (60 min.) 1F Restaurant "Sakishima"

13:00-14:45 **Poster Session 2** (105 min.) 2F Gymnastic Hall

14:45-15:00 Break (15 min.)

15:00-15:50 **Special Talks** (50 min.) 20+5 min./person 1F Main Hall

Chair : **Yasumasa Ishida** (Associate Professor, Kawaichi Lab)

O-20 **Tetsuo Kobayashi** (Assistant Professor, Itoh Lab)  
Regulation of primary cilia formation by CP110-interacting proteins

O-21 **Akihiro Urasaki** (Assistant Professor, Inagaki Lab)  
The *To2* system opens up a new frontier in vertebrate genetics and developmental biology

15:50-16:20 **Umesono Prize Ceremony & Lecture** (30 min.) 1F Main Hall

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

O-22 **Umesono Prize Ceremony  
Winning Commemoration Lecture**

16:20-16:30 Group Photograph (10 min.)

16:30-16:55 **Review** 1F Main Hall

**Yoshisuke Nishi** (Professor, Nagahama Institute of Bio-Science and Technology)

**Shigeru Shigeoka** (Professor, Faculty of Agriculture, Kinki University)

**Hideki Nishitoh** (Professor, Faculty of Medicine, Miyazaki University)

**Satoko Maki** (Assistant Professor, International Education Committee)

16:55-17:00 **Closing Address**  
**Toshio Hakoshima** (Dean, Professor)