

August 27, Wednesday

13:00-13:10 **Opening Address** (Prof. Maki, Global COE Committee) 2F Main Hall

13:10-14:30 **Session1** (80 min.) 15+5 min./person 2F Main Hall

Chair: **Akio Tsuru, Ryosuke Tadokoro**

Timekeeper: **Daisuke Saito**

- O-01 (P-18A) **Yasutaka Imai** (Kohno lab. D2)
Analysis of induction mechanisms of *IRE1 α* under ER stress
- O-02 (P-08A) **Shinichi Hayashi** (Bessho lab. D2)
Post-translational gene regulation of *Hes7*
- O-03 (P-04A) **Hirotsugu Asano** (Nakashima lab. D2)
Retinoic acid-induced chromatin remodeling promotes astrocyte differentiation of neural stem cells.
- O-04 (P-05A) **Satoshi Urayama** (Nakashima lab. D2)
FoxG1 inhibits astrocytes differentiation of neural stem cells.

14:30-14:45 Break (15 min.)

14:45-16:05 **Session2** (80 min.) 15+5 min./person 2F Main Hall

Chair: **Kinya Akashi, Hann Ling Wong**

Timekeeper: **Tsubasa Shoji**

- O-05 (P-22A) **Yoshifumi Ikeyama** (Tasaka lab. D2)
Analysis of *PUCHI* gene that regulates lateral root initiation in *Arabidopsis thaliana*
- O-06 (P-23A) **Sho Takano** (Tasaka lab. D2)
Analysis of *gorgon*, a novel mutant defective in the shoot meristem and organ development
- O-07 (P-25A) **Phattharaporn Pakdeechanuan** (Hashimoto lab. D2)
Genetic analysis of alkaloid composition and translocation in wild *Nicotiana* species
- O-08 (P-16B) **Hiroto Takatsuka** (Umeda lab. D2)
F-type CDK controls plant development via regulation of the steady-state level of D-type CDK

16:05-16:20 Break (15 min.)

16:20-17:40 **Session3** (80 min.) 15+5 min./person 2F Main Hall

Chair: **Kenji Tago, Hideki Tamura**

Timekeeper: **Norihiro Ishida-Kitagawa**

- O-09 (P-07A) **Keita Tsujimura** (Nakashima lab. D2)
Neuronal differentiation mediated by methyl-CpG binding protein MeCP2 and its therapeutic application to CNS injury
- O-10 (P-06A) **Tsukasa Sanosaka** (Nakashima lab. D2)
Identification of genes regulating astrocyte differentiation of mid-gestational neural precursor cells
- O-11 (P-13B) **Yusuke Nagai** (Itoh lab. D2)
Critical and specific regulation of Gs signaling by Ric-8B
- O-12 (P-22B) **Masashi Miyai** (Takahashi lab. D2)
Analysis of transcriptional network regulating epidermal keratinocyte differentiation

17:40-19:00 **Check-in and Dinner (80 min.)**

19:00-21:00 **Poster Session A (120 min.)**

2F Reception Hall B

21:00-22:00 **Mixer**

2F Reception Hall B

August 28, Thursday

7:00-9:00 **Breakfast** Hotel 2F "COCCOLARE"

9:00-10:20 **Session4** (80 min.) 15+5 min./person 2F Main Hall

Chair: **Megumi Iwano, Yoko Okushima**

Timekeeper: **Shoji Komai**

- O-13 (P-17B) **Sumiko Adachi** (Umeda lab. D2)
DNA damage signaling controls protein stability of B2-type CDK in *Arabidopsis*.
- O-14 (P-21C) **Satoko Sanda** (Yokota lab. D2)
Response of chloroplast Rieske FeS protein, a key component for photosynthetic electron transport, to excess light energy
- O-15 (P-22C) **Toshihiro Nakano** (Yokota lab. D2)
Analysis of common conserved residues between Bacillus RuBisCO-like protein and photosynthetic RuBisCO
- O-16 (P-16C) **Onuma Chumsakul** (Ogasawara lab. D2)
Study on the regulatory role of the transition state regulator, AbrB and its paralog, Abh in *Bacillus subtilis*

10:20-10:40 **Break (20 min.)**

10:40-12:00 **Session5** (80 min.) 15+5 min./person 2F Main Hall

Chair: **Shu Ishikawa, Izuru Ooki**

Timekeeper: **Iwao Ohtsu**

- O-17 (P-06B) **Kyoko Furuita** (Kojima lab. D2)
Structural basis of the recruitment of Oxisterol binding protein to the endoplasmic reticulum
- O-18 (P-11C) **Kenichi Tanaka** (Kanaya lab. D2)
MetClassifier: metabolite classification system based on structural and metabolic pathway
- O-19 (P-12B) **Ken Yamakura** (Kanaya lab. D2)
Genome strategy for recognition sites of restriction enzymes
- O-20 (P-03C) **Masayoshi Wada** (Kanaya lab. D2)
Functional units determined by integrated analysis based on protein-protein interaction and co-expression data in *Arabidopsis thaliana*

12:00-13:10 **Lunch (70 min.)** B1F Event Hall

13:10-14:30 **Session6** (80 min.) 15+5 min./person

2F Main Hall

Chair: **Eisho Matsuda, Yasuyuki Ishikawa**
Timekeeper: **Taku Ohshima**

- O-21 (P-21B) **Yasuhiro Yokota** (Takahashi lab. D2)
Neural crest-specific gene manipulation using transposon-mediated gene transfer and Sox10-Cre/lox system
- O-22 (P-19C) **Hidetoshi Toita** (Takeya lab. D2)
Functional analysis of HB-EGF in bone remodeling
- O-23 (P-09C) **Akihiro Yoshida** (Kato lab. D2)
Jab1 enhances proliferation and maintenance of hematopoietic progenitors.
- O-24 (P-07C) **Minoru Horihata** (Kato lab. D2)
Analysis of cytoplasmic CyclinD1 mutants

14:30-14:50 Break (20 min.)

14:50-15:50 **Session7** (60 min.) 25+5 min./person

2F Main Hall

Chair: **Yukio Kimata**
Timekeeper: **Shoji Komai**

- O-25 **Umesono prize ceremony**
Winning commemoration lecture
- O-26 **Norihiro Ishida-Kitagawa** (Assistant Prof., Takeya lab.)
NFAT2 as a key regulator in bone metabolism

15:50-16:10 Break (20 min.)

16:10-17:10 **Session8** (60 min.) 50+10 min./person

2F Main Hall

Chair: **Hiroshi Itoh**
Timekeeper: **Tohoru Katsuragi**

- O-27 **Kozo Kaibuchi**
(Professor, Department of Cell Pharmacology, Nagoya University)
Molecular networks for the regulation of cell polarization

17:10-19:00 Break and Dinner (110 min.)

19:00-21:00 **Poster Session B** (120 min.)

2F Reception Hall B

21:00-23:30 **Mixer**

2F Reception Hall B

August 29, Friday

7:00-9:00 **Breakfast** Hotel 2F "COCCOLARE"
Check-out (to 8:45)

9:00-10:00 **Session9** (60 min.) 25+5 min./person 2F Main Hall

Chair: **Miyo Morita-Terao**
Timekeeper: **Chojiro Kojima**

O-28 **Tsubasa Shoji** (Assistant Prof., Hashimoto lab.)
Beyond enzymes - Nicotine transporters and transcriptional regulation

O-29 **Daisuke Saito** (Assistant Prof., Takahashi lab.)
Neural crest cell migration to the adrenal gland

10:00-10:30 **Break & Take a Photograph** (30 min.)

10:30-12:30 **Poster Session C** (120 min.) 2F Reception Hall B

12:30-13:30 **Lunch** (60 min.) B1F Event Hall

13:30-14:00 **Review** 2F Main Hall

Kozo Kaibuchi (Professor, Department of Cell Pharmacology, Nagoya University)

Takayuki Kohchi (Professor, Laboratory of Plant Molecular Biology, Kyoto University)

Kentaro Inoue (Associate Professor, Department of Plant Sciences, UC Davis)

XiaoFeng Cao (Professor, Institute of Genetics and Developmental Biology, CAS)

Zhiheng Xu (Principle investigator, Institute of Genetics and Developmental Biology, CAS)

14:00 **Closing Address** (Prof. Kohno, Dean, Graduate School of Biological Sciences, NAIST)