

August 26, Wednesday

9:00 **Registration - assemble at the main gate of NAIST**

9:30 **Depart to Awaji by charter bus**

12:00 **Arrive Awaji**

12:00-13:00 Lunch B1F Event Hall

13:00-13:15 **Opening Address** 2F Main Hall

(**Prof. Shimamoto,**! Global COE Program leader)

Introduction of guests

(**Prof. Hashimoto,**! International Committee)

13:15-14:15 **Session1** (60 min.) 15+5 min./person

Chair: **Norikazu Mizuno**

Timekeeper: **Hiroyuki Tsuji**

O-01 (P-02A) **Mizuho Sato** (Takeya lab. D2)
Identification and Functional Analysis of Tyrosine Phosphorylation Sites of Abi-1 by c-Abl

O-02 (P-02B) **Kunitaro Tanaka** (Takeya lab. D2)
RADIO regulates cytoskeletal rearrangement

O-03 (P-02C) **Qiqige Xilin** (Takeya lab. D2)
Functional Analysis of Acid Sphingomyelinase in Osteoclasts

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

14:30-15:30 **Session2** (60 min.) 15+5 min./person 2F Main Hall

Chair: **Takehide Kato**

Timekeeper: **Masahiko Furutani**

O-04 (P-11C) **Tomoyuki Okada** (Demura lab.D2)
Expression and functional analysis of the rice KT/HAK/KUP potassium transporter, OsHAK1

O-05 (P-12A) **Satoshi Hamada** (Shimamoto lab. D2)
Analysis of the OsRac1 complex (Defensome) involved in rice innate immunity

O-06 (P-13A) **Takashi Nobusawa** (Umeda lab. D2)
Synthesis of very long chain fatty acids controls cell proliferation in *Arabidopsis*

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

15:45-17:05 **Session3** (80 min.) 15+5 min./person

2F Main Hall

Chair: **Daisuke Saito, Takuya Ogawa**

Timekeeper: **Yuri Munekage-Nakajima**

- O-07 (P-03A) **Sayaka Sakaguchi** (Itoh lab. D2)
Analysis of G protein-coupled receptor GPR56 in human tumor cells using monoclonal antibody
- O-08 (P-03B) **Takanori Nagano** (Itoh lab. D2)
Involvement of GPR56 in self-renewal and proliferation of neural progenitor cells
- O-09 (P-28C) **Woong Kim** (Bessho lab. D2)
Nrarp controls Notch activity regulated segmentation of the presomitic mesoderm in mouse
- O-10 (P-29A) **Ikue Kirikae** (Nakashima lab. D2)
Mechanisms of crosstalk between neural and immune systems in the adult mammalian brain ~ from the viewpoint of Toll like receptor ~

17:05-19:00 Check-in and Dinner (115 min.)

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

2F Reception Hall B

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

2F Reception Hall B

August 27, Thursday

7:00-9:00 Breakfast

Hotel 2F "COCCOLARE"

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

2F Main Hall

Chair: **Nobuyuki Yoshida, Yasuyuki Ishikawa**

Timekeeper: **Ken Kitano**

- O-11 (P-04A) **Sayoko Shinya** (Kohno lab. D2)
Analysis of *XBP1* mRNA splicing reaction in Unfolded Protein Response
- O-12 (P-30A) **Masatomo Kato** (Kohno lab. D2)
Beneficial pharmacological effect of selective glucocorticoid receptor agonist in *in vivo* studies

O-13 (P-05B) **Hiroaki Kurashima** (Kohno lab. D2)
Pharmacological characteristics of Tafluprost, new generation prostanoid FP agonist, as a therapeutic drug for glaucoma.

O-14 (P-03C) **Masanori Ichida** (Kawaichi lab. D2)
Mechanism of mesenchymal stem cell motility

10:20-10:35 Break (15 min.)

10:35-11:55 **Session5** (80 min.) 15+5 min./person

2F Main Hall

Chair: **Toru Nakayashiki, Yasunobu Igarashi**

Timekeeper: **Shu Ishikawa**

O-15 (P-19B) **Takeshi Ueda** (Ogasawara lab. D2)
Cooperative binding of nucleoid protein H-NS and LRP in *E. coli* cells

O-16 (P-21C) **Yukio Nakagawa** (Kanaya lab. D2)
The suggestion of statistics for classifying herb of herbal medicine by diagnosis index.

O-17 (P-22A) **Kozo Nishida** (Kanaya lab. D2)
Reconstruction and analysis of the genetic and metabolic regulatory networks of *Bacillus subtilis*

O-18 (P-22B) **Masataka Yamao** (Sakumura lab. D2)
Noise induced collective motion of migratory cells in a multicellular system

11:55-12:55 Lunch (60 min.)

B1F Event Hall

12:55-13:55 **Session6** (60 min.) 15+5 min./person

2F Main Hall

Chair: **Michiko Saito**

Timekeeper: **Asako Furukohri**

O-19 (P-29B) **Teruaki Takahashi** (Takahashi lab. D2)
Formation of blood vessel network is controlled by the dorsal-ventral patterning of the central nervous system

O-20 (P-31B) **Taiji Yasue** (Takahashi lab. D2)
Human sarcoma cells actively migrate toward the dorsal aorta when transplanted into chicken embryos

O-21 (P-33A) **Eisuke Shimokita** (Takahashi lab. D2)
Secondary neurulation: a novel model to study tubulogenesis

13:55-14:10 Break (15 min.)

14:10-15:40 **Session7** (90 min.) 25+5 min./person

2F Main Hall

Chair: **Ko Shimamoto**

Timekeeper: **Yasumasa Ishida**

- O-22 **Hajime Ogino** (Associate Prof., GCOE Special Research Group)
Evolution of cis-regulatory mechanisms in paralog formation
- O-23 **Tetsu Kinoshita** (Associate Prof., GCOE Special Research Group)
Interplay between active DNA demethylation and a chromatin-based mechanism by a histone chaperone component for establishment of genomic imprinting in *Arabidopsis*
- O-24 **Mitsuhiro Aida** (Associate Prof., GCOE Special Research Group)
Axils and Margins: Making Flowers by Meristematic Activities

15:40-15:55 Break (15 min.)

15:55-17:25 **Session8** (90 min.) 30 min. +60 min.

2F Main Hall

Chair: **Hisaji Maki, Hiroshi Takagi**

Timekeeper: **Kohsuke Kataoka**

- O-25 **Umesono prize ceremony**
Winning commemoration lecture
- O-26 **Kazuhiro Shiozaki** (Professor, Department of Microbiology, University California Davis)
Genetic screens for novel regulators of TOR (Target Of Rapamycin) complex 2, an evolutionarily conserved protein kinase complex.

17:25-17:40 Take a Photograph (15 min.)

17:40-19:10 Break and Dinner (90 min.)

19:10-21:10 **Poster Session B** (120 min.)

2F Reception Hall B

21:10-23:30 **Mixer**

2F Reception Hall B

August 28, 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: **Keiji Nakajima**

Timekeeper: **Takeshi Kawabata**

O-27 **Hiroshi Shiba** (Assistant Prof., Takayama lab.)
Epigenetic control of dominance relationships among self-incompatibility alleles by DNA methylation

O-28 **Takumi Takizawa** (Assistant Prof., Nakashima lab.)
The spatiotemporal regulation of activity-dependent genes in post-mitotic neurons.

10:00-10:15 **Break** (15 min.)

10:15-12:15 **Poster Session C** (120 min.) 2F Reception Hall B

12:15-13:15 **Lunch** (60 min.) B1F Event Hall

13:15-13:45 **Review** 2F Main Hall

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

Xiangdong Fu (Professor, Institute of Genetics and Developmental Biology, CAS)

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

Hideki Nishitoh (Project researcher, University of Tokyo)

Ian Smith (Professor, Graduate School of Biological Sciences, NAIST)

13:45 **Closing Address** (**Prof. Maki**, Dean, Graduate School of Biological Sciences, NAIST)