

Tuesday 26th August

09:00-09:10 **Opening Address/ Introduction of guests**
Demura, Taku (Director)

Millennium Hall

09:10-09:55 **Oral Session 1 11+ 4 min./person**

Chair : **Sangpong, Lalida**
Toyodome, Rina

Millennium Hall

O-01 Nagayasu, Masahiro (**Closed Session**)

Investigation of the OsPEPR1-Mediated Regulation of Bacteria-Induced Rice Growth Promotion.

O-02 Wu, Yuhei (**Closed Session**)

Identify Key Gene Modules and Infer Gene Regulatory Networks of Diffuse Large B-Cell Lymphomas (DLBC) Using Machine Learning

O-03 Ishihara, Taiga

The phosphate starvation response regulator PHR1 restricts root fungal infection under phosphate deficiency in *Arabidopsis thaliana* .

09:55-10:05 Break

10:05-10:50 **Oral Session 2 11+ 4 min./person**

Chair : **Tran, Manh Hai**
Ogawa, Keito

Millennium Hall

O-04 Hayashi, Maika

Cell growth and mechanostuctural analysis for leaf movement in Arabidopsis

O-05 Takahashi, Jun

Substrate recognition of a bacterial protein translocation motor SecDF.

O-06 Wong, Mei Juan

Drosophila Rpl7 Roles as Safeguard in Sequential Cleavages of the rRNA Precursor

10:50-11:00 Break

11:00-11:45 **Oral Session 3 11+ 4 min./person**

Chair : **Rosadi, Imam**
Tanaka, Towa

Millennium Hall

O-07 Hidayati, Lisna

Nucleus-based Spatiotemporal Analysis of ERK Activity and Collective Cell Migration During Epithelial Wound Healing

O-08 Takahashi, Yutaro

Structural basis of a GatC ortholog transporter in the phosphotransferase system

O-09 Hosoda, Kaito

Structural basis for MurJ inhibition by a phage lysis protein Sgl^{pp7} acting as a cavity occupant

11:45-11:50	Poster Preview Standby	
11:50-12:20	Poster Preview 90 sec. each × 19 people	Millennium Hall
12:20-13:20	Lunch	
13:20-15:20	Poster Session (Presenter's poster number : 02, 04, 07, 09, 11, 14, 15, 17, 19, 21, 23, 25, 27, 29, 32, 34, 36, 38, 40, 43, 45, 47, 50, 51, 52) ※P-14, P-15, and P-47 are closed sessions.	Lobby
15:20-15:35	Break	
15:35-16:35	Oral Session 4 11+ 4 min./person	
	Chair : Wong, Mei Juan Suga, Saori	Millennium Hall
	O-10 Ieda, Aina Functional characterization of <i>Sulfur Deficiency Induced (SDI)</i> genes in <i>Glycine max</i> (soybean)	
	O-11 Hirai, Tomohiro Identification of the genes involved in host invasion of parasitic plants	
	O-12 Ito, Chiharu Ethylene, mechanical pressures and HIFs facilitate Intrusive Cell Differentiation in a Parasitic Plant, <i>Phtheirospermum japonicum</i>	
	O-13 Ando, Yoshihiro Machine Learning-based Non-invasive Aging Prediction for Personalized Anti-aging Therapies	
16:35	Mixer	Lobby

Wednesday 27th August

09:00-09:45 **Oral Session 5 11+ 4 min./person**

Chair : **Hirai, Tomohiro**
Murai, Kokoro

Millennium Hall

- O-14 Saifullah, Mohiuddin
Toward Practical Brain Tumor Diagnosis: A Lightweight CNN and Visual Integrity Filtering for Robust MRI Classification
- O-15 Sangpong, Lalida
Exploring the change of polyphenolic compounds under UV-B exposure in Solanaceae plant species
- O-16 Tran, Manh Hai
The role of IRSp53 in amyloidogenic processing pathway using N1E cell model

09:45-09:55 Break

09:55-10:40 **Oral Session 6 11+ 4 min./person**

Chair : **Hayashi, Maika**
Ito, Chiharu

Millennium Hall

- O-17 Ogawa, Keito
Small RNA-mediated gene regulation system in *Haemaphysalis longicornis*
- O-18 Rosadi, Imam
The effect of 1'-acetoxychavicol acetate on gut microbiota and intestinal immune responses in mice
- O-19 Suga, Saori
Characterization of a novel haustorium inhibitor for Orobanchaceae parasitic plants

10:40-10:50 Break

10:50-11:35 **Oral Session 7 11+ 4 min./person**

Chair : **Takahashi, Jun**
Ando, Yoshihiro

Millennium Hall

- O-20 Fairouz, Labiba
Identification of a novel attractant for cyst nematodes using a microdevice-based chemotaxis assay
- O-21 Tanaka, Towa
Exploration and functional analysis of PRPF3 in the regulation of inflammatory responses
- O-22 Kato, Hiroki
Environmental Responsiveness of Marchantia polymorpha under Hyperosmotic Stress.

11:35-11:40 Poster Preview Standby

11:40-12:10 **Poster Preview 90 sec. each × 19 people**

12:10-13:10 Lunch

13:10-13:40 **Oral Session 8 11+ 4 min./person**

Chair : **Hidayati, Lisna**
Ieda, Aina

Millennium Hall

O-23 Toyodome, Rina
Functional analysis of Golgi Stress Response (GSR) in antiviral response

O-24 Murai, Kokoro
Genome-Wide Screening for Type I Interferon Regulatory Genes Using Fluorescent ISG Reporter Cells

13:40-13:55 Break

13:55-15:55 **Poster Session** Lobby
(Presenter's poster number : 01, 03, 05, 06, 08, 10, 12, 13, 16, 18, 20, 22, 24, 26, 28, 30, 31, 33, 35, 37, 39, 41, 42, 44, 46, 48, 49)
※P-16, P-48, and P-49 are closed session.

15:55-16:10 Break

16:10-16:25 **Review**

16:25-16:35 **Awards Ceremony**

16:35-16:45 **Closing Remarks & Group Photograph**
Bessho, Yasumasa (Professor)

16:45-17:15 **Poster Withdrawal**