

## Wednesday 18th August

08:45 Meet at the hall

09:00-09:10 **Opening Address/ Introduction of guests** ~~Millennium Hall~~ **On-line**  
**Demura, Taku (Professor)**

09:10-09:50 **Oral Session 1** 15 + 5 min./person

Chair : **Delfin, Jay** ~~Millennium Hall~~ **On-line**  
**Imura, Hideaki**

O-01 Saigo, Tomoki  
Cross-species comparative genomics of flavonoid 3-O-glycosyltransferase genes in land plants

O-02 Galvez, Julian  
Evolutionary analysis of VNS gene function in *Marchantia polymorpha*

09:50-10:00 Break

10:00-11:00 **Oral Session 2** 15 + 5 min./person

Chair : **Kato, Taku** ~~Millennium Hall~~ **On-line**  
**Liu, Yuting**

O-03 Hata, Tatsuya  
Induction of unfolded protein response by high temperature culturing of yeast cells

O-04 Muhamad, Nor Atiqah  
Primary cilia elongation in neurotoxic A1 astrocytes.

O-05 Linh, Trinh  
Generation of stomach organoids from mouse embryonic stem cells that express pathogenic protein of *H. pylori*

11:00-11:10 Poster Preview Standby

11:10-12:20 **Poster Preview** 90 sec. each × 38 people **On-line**

12:20-13:20 Lunch

13:20-14:50 **Poster Session 1** On-line (Breakout Sessions)  
(Presenter: P-001 ~ P013, P101 ~ P103)

14:50-15:10 Break

15:10-16:30 **Oral Session 3** 15 + 5 min./person

Chair : **Yoshida, Shirabe**  
**Wang, Yicong**

~~Millennium Hall~~ **On-line**

- O-06 Hirohata, Atsuhiko  
Circadian clocks involved in non-photoperiodic flowering in *Arabidopsis*
- O-07 Yomogita, Takeru  
DNA mutations in normal somatic cells as the cause of autoimmunity
- O-08 Silvester, Carlos  
Stromal Cell-Derived Niche Factors That Control Gastric Stem Cells
- O-09 Phuong, Thi Huong  
Aeration reduces endoplasmic reticulum stress in *Saccharomyces cerevisiae* independently of mitochondrial respiration

16:30-16:40 Break

16:40-17:40 **Oral Session 4** 15 + 5 min./person

Chair : **Morita, Akemi**  
**Lim, Jonathan**

~~Millennium Hall~~ **On-line**

- O-10 Kawai, Tomohiro  
The colonization mechanism of arbuscular mycorrhizal fungi in parasitic plants *Pedicularis*
- O-11 Nguyen, Phuong  
Generation, characterization and utilization of yeast cells in which the unfolded protein response is constitutively induced
- O-12 Zhao, Hexiang  
Structure and function analysis of the HbrB-like domain of the evolutionarily conserved TOR complex 2 subunit Bit2

**Thursday 19th August**

09:05-09:10 **Introduction of guests** ~~Millennium Hall~~ **On-line**

09:10-10:30 **Oral Session 5** 15 + 5 min./person

Chair : **Galvez, Julian** ~~Millennium Hall~~ **On-line**  
**Hata, Tatsuya**

- O-13 Kee, Yee Jia  
Comparative genomics for arbuscular mycorrhizal symbiosis in parasitic plants
- O-14 Delfin, Jay  
Elucidation of flavone biosynthesis in *Selaginella moellendorffii* Hieron
- O-15 Qiu, Zhen  
Molecular mechanism for netrin-1-induced axonal haptotaxis
- O-16 Yamamoto, Hodaka  
The role of mechanotransduction in lateral line homeostasis of zebrafish

10:30-10:40 Break

10:40-12:00 **Oral Session 6** 15 + 5 min./person

Chair : **Muhamad, Nor Atiqah** ~~Millennium Hall~~ **On-line**  
**Linh, Trinh**

- O-17 Chu, Cuong  
Isolation and characterization of novel fission yeast mutants with a decrease in TOR complex 1 activity
- O-18 Iimura, Hideaki  
CRABS CLAW controls nectary development through the *MACCHI-BOU 4* gene in *Arabidopsis*
- O-19 Sim, Pei Fang  
Physical interaction between ESCRT protein ALIX and membrane-deforming domain protein endophilin for possible cooperative membrane remodeling
- O-20 Tanaka, Eriko  
Biocontrol of soil-borne pathogens by beneficial microbes in plants

12:00-13:00 Lunch

13:00-14:30 **Poster Session 2** On-line (Breakout Sessions)  
(Presenter: P-014 ~ P026, P104 ~ P106)

14:30-14:50 Break

14:50-16:10 **Oral Session 7** 15 + 5 min./person

Chair : **Yamamoto, Hodaka**  
**Chu, Cuong**

~~Millennium Hall~~ **On-line**

- O-21 Kato, Taku  
Anti-obesity activities of activin family members *in vivo*
- O-22 Morita, Akemi  
Analysis of regulatory mechanism of SUMOylation in mammalian cells
- O-23 Liu, Yuting  
Functional characterization of flavonoid O-methyltransferases in roots of leguminous species
- O-24 Yoshida, Shirabe  
Functional analysis of Atat1 during left-right patterning in Zebrafish

16:10-16:20 Break

16:20-17:40 **Oral Session 8** 15 + 5 min./person

Chair : **Yomogita, Takeru**  
**Silvester, Carlos**

~~Millennium Hall~~ **On-line**

- O-25 Abe, Isao  
Screening for mutated alpha-amino acid ester acyl transferase with improved activity
- O-26 Wang, Yicong  
Functional analysis of histone modification enzymes, SDG7 and SDG8 during Arabidopsis root growth
- O-27 Koonthongkaew, Jirasin  
Rational design of branched-chain amino acid aminotransferases in the yeast *Saccharomyces cerevisiae* to improve branched-chain higher alcohol production
- O-28 Lim, Jonathan  
Investigation of CRISPR-Cas9 as a novel method to generate organ-deficient mouse model

17:40-18:00 **Review**

**Berry Juliandi, MSi.** (Dean, Faculty of Mathematics and Natural Sciences, Bogor Agricultural University (IPB))

~~Millennium Hall~~ **On-line**

**Fiqri Dizar Khaidizar** (Senior Lecturer, Centre for Research in Biotechnology for Agriculture (CEBAR), Universiti Malaya)

**Friday 20th August**

09:00-10:30 **Poster Session 3** On-line (Breakout Sessions)  
(Presenter: P-027 ~ P038, P107 ~ P109)

10:30-10:50 Break

10:50-12:10 **Oral Session 9** 15 + 5 min./person

Chair : **Kee, Yee Jia** ~~Millennium Hall~~ **On-line**  
**Koonthongkaew, Jirasin**

O-29 Shigene, Kei  
Prediction of intracellular protein localization using machine learning

O-30 Fujikawa, Ryosuke  
Bayesian Cell Force Estimation Introducing Cell Shape Prior

O-31 Zhang, Xiang  
Effects of nutrient conditions on haustorium formation on parasitic plants in Orobanchaceae

O-32 Nakazawa, Yuto  
Development of glycan control method for CHO cell-derived biologics by flow cytometry screening

12:10-12:30 **Review**

~~Millennium Hall~~ **On-line**  
**Mizoguchi, Tsuyoshi** (Dean, International Christian University)

12:30-12:40 **Closing Remarks**  
**Umeda, Masaaki (Director)**