

# LIST OF POSTER PRESENTATIONS

## Growth and development

- P001** **Coordinated actions of cytokinin, ethylene, and light signals in regulating the apical hook development of Arabidopsis**  
Aizezi Yalikunjiang      SUSTech
- P002** **A synthetic biological approach by simultaneously inducing two transcription factors forms the organs with shoot stem characteristics in roots**  
Shigeru Hanano      Kazusa, Tohoku Univ.
- P003** **A florigen Hd3a gradient controls the reproductive transition in the rice inflorescence meristem**  
Hiroyuki Tsuji      Yokohama City University
- P004** **Regulation of Phosphoenolpyruvate Carboxykinase activity by brassinosteroid in Arabidopsis thaliana**  
Kanako Bessho-Uehara Tohoku University
- P005** **SVR75, a novel pentatricopeptide repeat protein located in chloroplast nucleoid, is indispensable for 23S and 16S rRNA processing in Arabidopsis**  
Zhang Siyuan      CEMPS, SIPPE

## Environmental and stress responses

- P006** **Introgression and characterization of acid stress resistance in Barley**  
Hewan Demissie Degu      Hawassa Univeristy
- P007** **Screening of local pigmented rice from Indonesia for drought tolerance**  
Alfino Sebastian      Gadjah Mada University
- P008** **Organophosphate sensitivity caused by NB-LRR in sorghum**  
Jing Zihuan      Okayama University
- P009** **Decipher unannotated peptide-mediated immunity in rice**  
Yasutaka Minami      Okayama University
- P010** **Analysis of transcriptional regulation of heat-activated retrotransposons in Arabidopsis thaliana**  
Niu Xiaoying      Hokkaido University
- P011** **Salicylic acid-dependent antagonistic modules, SIB1 and LSD1, regulate PhANGs via GOLDEN2-LIKE transcription factors**  
Mengping Li      PSC and CEMPS
- P012** **Chloroplast-specific Guanine915-16S rRNA methyltransferase: its role in proteostasis and stress responses**  
Kaiwei Liu      PSC and CEMPS

## Membrane and transport

- P013** **Expression level and location of OsPIP2;4 in relation to root water permeability (Lpr)**  
Aya Onishi      Okayama University
- P014** **Three polarly localized ammonium transporter 1 members are cooperatively responsible for ammonium uptake in rice under low ammonium condition**  
Noriyuki Konishi      Okayama University
- P015** **Ca<sup>2+</sup>- sensitive and non-selective Na<sup>+</sup>/K<sup>+</sup> channel activity of aquaporins HvPIP2;8 and OsPIP2;4**  
Sen Tran      Okayama University
- P016** **Studies on QTLs associated with differential seed ionome profiles in a recombinant inbred population of sorghum (Sorghum bicolor)**  
Fiona Wacera      Okayama University

## Cell-cell interaction

- P017** **Towards the identification of components of the putative BAM1-associated RNAi spread-promoting protein complex**  
Shuyi Luo      PSC and CEMPS

## Natural products

- P018** **The progress of agarwood research focusing on 2-(2-phenylethyl)chromones**  
Sakura Takamatsu      Ehime university

## New methodology

- P019** **Highly efficient and precise gene-targeting in Arabidopsis**  
Lei Zhang      PSC and CEMPS

## Plant-microbe interaction

- P020 Activation of fungal ABA biosynthetic cluster genes switches a beneficial plant fungus to a pathogen**  
Kei Hiruma The University of Tokyo
- P021 Disease symptoms and resistance reaction on roots of rice, wheat, and barley inoculated with *Pyricularia* spp.**  
Zikai Xiang Kobe University
- P022 Mining for ROS sensor proteins involved in plant immune responses**  
Yuta Hino Nagoya University
- P023 GmFLS2 contributes to soybean resistance against *Ralstonia solanacearum***  
Yujiao Chen PSC and CEMPS
- P024 The secreted peptide IRP functions as a DAMP in rice immunity**  
Yoji Kawano Okayama University
- P025 Individual death resulted from inefficient induction of R-gene-mediated antiviral resistance may confer suicidal population resistance in land plants**  
Derib Alemu Abebe Tohoku University
- P026 Evolution and functional analysis of the NRC immune receptor network of *Ipomoea* species**  
Foong-Jing Goh Acadamia Sinica
- P027 Contribution of the aliphatic alcohol oxidase CorAlcOx and the peroxidase CorPerOx to pathogenicity of *Colletotrichum orbiculare***  
Sayo Kodama Setsunan University
- P028 Divergent roles of *Methylobacterium aquaticum* 22A siderophore**  
Patrick Juma Okayama University
- P029 MAMP-responsive phosphoprotein MARK2 contributes to disease resistance in *Arabidopsis thaliana***  
Hidenori Matsui Okayama University
- P030 Secretory peptide SAR8.2m is required for non-host resistance of *Nicotiana benthamiana* to taxonomically distant *Phytophthora* species.**  
Sayaka Imano Nagoya University
- P031 Root-specific CLE3 expression is required for WRKY33 activation in *Arabidopsis* shoots**  
Shigeyuki Betsuyaku Ryukoku University
- P032 Functional analysis of the ABC transporter gene BcatrB of gray mold fungus *Botrytis cinerea* induced by various phytoalexin treatments**  
Abriel Bulasag Nagoya University
- P033 Functional analysis of the plant immune signaling pathway mediated by MAMP-responsive Raf-like protein kinase 1 (MRPK1) in *Arabidopsis***  
Yuuka Fujiyama Okayama University
- P034 Type III effector J of *Pseudomonas syringae* pv. *tabaci* induces a hypersensitive response in the tobacco wildfire resistant cultivar**  
Sachi Kashihara Okayama University
- P035 Colonization mechanism of *Rhizobium viti* VAR03-1, a biocontrol bacterial agent for grapevine crown gall disease in *Arabidopsis thaliana***  
Jiyuan Bao Okayama University
- P036 Pan genome analysis of the PPFMs a genomic insight into their phylogeny and unique features**  
Ola Alessa Okayama University
- P037 Plant aquaporin phosphorylation restricts bacterial water acquisition under high humidity**  
Shigetaka Yasuda NAIST

## Others

- P038 Screening and identification of co-regulatory factors of the RdDM pathway in *Arabidopsis***  
Xi Zhang PSC and CEMPS
- P039 Characterization of rhizoviticin, a phage tail-like particle, as a determinant of biocontrol activity of *Rhizobium viti* VAR03-1 on crown gall disease**  
Natsuki Tsuchida Okayama University
- P040 Roles of DEMETER in regulating DNA methylation in vegetative tissues and pathogen resistance**  
Wenjie Zeng PSC and CEMPS