

# PROGRAM

**September 6th, 2021**

This web forum will be held in Japan Standard Time (UTC+9).

| 10:00-10:10 | Opening Remarks   | Platform            |
|-------------|---|---------------------|
|             | Chair: Yoji Kawano (Okayama University, Japan)  |                     |
|             | Takashi Hirayama (Okayama University, Japan)  |                     |
| 10:10-12:00 | <b>New Approaches for Plant Molecular Biology</b>   | Zoom Webinar        |
|             | Chair: Tatsuya Nobori (Salk Institute, USA)   |                     |
| 10:10-10:40 | <b>Genomic behaviors triggering the convergent evolution of plants sexualities</b>  |                     |
|             | Takashi Akagi (Okayama University, Japan)   |                     |
| 10:40-11:10 | <b>Plant cell volume changes and regulation of aquaporins</b>   |                     |
|             | Caitlin Byrt (Australian National University, Australia)  |                     |
| 11:10-11:40 | <b>Development of base editing technology for plant molecular biology and breeding</b>  |                     |
|             | Keiji Nishida (Kobe University, Japan)  |                     |
| 11:40-12:00 | <b>A florigen Hd3a gradient controls the reproductive transition in the rice inflorescence meristem</b>   |                     |
|             | Hiroyuki Tsuji (Yokohama City University, Japan)  |                     |
| 12:00-12:30 | <b>Breakout Discussion with Invited Speakers I</b>  | Zoom Breakout Rooms |
|             | <b>Room 1: Takashi Akagi</b> (Moderator: Yoko Ikeda, Okayama Univ)  |                     |
|             | <b>Room 2: Caitlin Byrt</b> (Moderator Maki Katsuhara, Okayama Univ)  |                     |
|             | <b>Room 3: Keiji Nishida</b> (Moderator: Hiroshi Hisano, Okayama Univ)  |                     |
|             | <b>Room 4: Hiroyuki Tsuji</b> (Moderator: Tomoyuki Furuta, Okayama Univ)  |                     |
| 12:30-14:00 | Lunch Break   |                     |
| 14:00-16:00 | <b>IPSR International Workshop by Early Career Researchers</b>  | Zoom Webinar        |
|             | Chairs: Kihyuck Choi (Dong-A University, Korea)   |                     |
|             | Fiona Wacera (Okayama University, Japan)  |                     |
| 14:00-14:20 | <b>Three polarly localized ammonium transporter 1 members are cooperatively responsible for ammonium uptake in rice under low ammonium condition</b>    |                     |
|             | Noriyuki Konishi (Okayama University, Japan)  |                     |
| 14:20-14:40 | <b>Functional analysis of the ABC transporter gene BcatrB of gray mold fungus <i>Botrytis cinerea</i> induced by various phytoalexin treatments</b>     |                     |
|             | Abriel Bulasag (Nagoya University, Japan)   |                     |
| 14:40-15:00 | <b>Towards the identification of components of the putative BAM1-associated RNAi spread-promoting protein complex</b>                                   |                     |
|             | Shuyi Luo (CAS Center for Excellence in Molecular Plant Sciences, China)  |                     |
| 15:00-15:20 | <b>SVR75, a novel pentatricopeptide repeat protein located in chloroplast nucleoid, is indispensable for 23S and 16S rRNA processing in Arabidopsis</b> |                     |
|             | Zhang Siyuan (CAS Center for Excellence in Molecular Plant Sciences, China)   |                     |
| 15:20-15:40 | <b>Salicylic acid-dependent antagonistic modules, SIB1 and LSD1, regulate PhANGs via GOLDEN2-LIKE transcription factors</b>                             |                     |
|             | Mengping Li (CAS Center for Excellence in Molecular Plant Sciences, China)  |                     |
| 15:40-16:00 | Break   |                     |
| 16:00-17:00 | <b>Keynote Lecture</b>  |                     |
|             | Chair: Fumi Fukada (Okayama University, Japan)  |                     |
|             | <b>A protein complex for effector delivery in smut fungi?</b>   |                     |
|             | Regine Kahmann (Max Planck Institute for Terrestrial Microbiology, Germany)   |                     |
| 17:00-17:45 | <b>Open Discussion I: How to enjoy academic life for early career researchers</b>   |                     |
|             | Moderators: Ana Eusebio-Cope, (Philippines) Subha Das (India) (Alumni of IPSR)  |                     |
|             | <b>Panelists: Regine Kahmann, Takashi Akagi, Caitlin Byrt, Keiji Nishida Hiroyuki Tsuji</b>   |                     |
|             | Abriel Bulasag, Noriyuki Konishi, Mengping Li, Shuyi Luo, Zhang Siyuan  |                     |

## September 7th, 2021

This web forum will be held in Japan Standard Time (UTC+9).

| 10:00-12:00 Poster session   |  | Platform                     |
|--|--|------------------------------|
|  | Odd number: 10:00 - 11:00<br>Even number: 11:00 - 12:00  | LINC Biz<br>Zoom<br>Breakout |
| 12:00-13:30  | Lunch Break  |                              |
| <b>13:30-14:00 Open Discussion II: How can microbes be beneficial to us?</b> |  |                              |
|  | Moderators: Yukiyo Sato, David Wari (Okayama University, Japan)  |                              |
|  | <b>Panelists: Derib Alemu Abebe, Kei Hiruma, Yen-Ping Hsueh, Kenichi Tsuda<br/>Ertao Wang, Satoko Yoshida,</b>   |                              |
| <b>14:00-15:40 Plant-Microbe Interactions I</b>                              |  |                              |
|  | Chair: Lay-Sun Ma (Academia Sinica, Taiwan)  |                              |
| 14:00-14:30  | <b>Genetic analyses of predator-prey interactions between carnivorous fungi<br/>and the nematode <i>C. elegans</i></b><br>Yen-Ping Hsueh (Academia Sinica, Taiwan)   |                              |
| 14:30-15:00  | <b>How parasitic plants recognize their hosts</b><br>Satoko Yoshida (Nara Institute of Science and Technology, Japan)  |                              |
| 15:00-15:20  | <b>Individual death resulted from inefficient induction of R-gene-mediated<br/>antiviral resistance may confer suicidal population resistance in land plants</b><br>Derib Alemu Abebe (Tohoku University, Japan) | Zoom<br>Webinar              |
| 15:20-15:40  | Break  |                              |
| <b>15:40-17:00 Plant-Microbe Interactions II</b>                             |  |                              |
|  | Chair: Rosa Lozano-Duran (University of Tübingen, Germany)   |                              |
| 15:40-16:00  | <b>Activation of fungal ABA biosynthetic cluster genes switches<br/>a beneficial plant fungus to a pathogen</b><br>Kei Hiruma (The University of Tokyo, Japan)   |                              |
| 16:00-16:30  | <b>Mechanisms underlying beneficial plant-microbe interactions</b><br>Ertao Wang (CAS Center for Excellence in Molecular Plant Sciences, China)  |                              |
| 16:30-17:00  | <b>Plant interactions with pathogenic and commensal bacteria</b><br>Kenichi Tsuda (Huazhong Agricultural University, China)  |                              |
| <b>17:00-17:30 Breakout Discussion with Invited Speakers II</b>              |  |                              |
|  | <b>Room 1: Derib Alemu Abebe, Yen-Ping Hsueh, Satoko Yoshida</b><br>(Moderator: Lay-Sun Ma, Academia Sinica)   |                              |
|  | <b>Room 2: Kei Hiruma, Kenichi Tsuda, Ertao Wang</b><br>(Moderator: Rosa Lozano-Duran, University of Tübingen)   | Zoom<br>Meeting              |
| 17:30-17:40  | Break  |                              |
| <b>17:40-17:50 Poster Award</b>  |  |                              |
|  | Maki Katsuhara (Okayama University, Japan)   | Zoom<br>Webinar              |
| <b>17:50-18:00 Closing Remarks</b>   |  |                              |
|  | Yoji Kawano (Okayama University, Japan)  |                              |