

Plant Reproduction Research by International Networking

Joint Kickoff Symposium for Key-Molecule-Network in Plant Reproduction and CRISPiT

June 4th, 10:00-16:00, 2023

University of Tokyo, Faculty of Science Bldg.2, Auditorium

Invited Speakers:

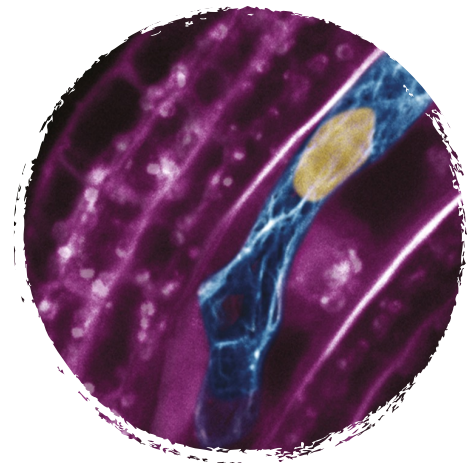
Silvia Coimbra	University of Porto, Portugal
Kentaro K. Shimizu	University of Zurich, Switzerland
Antony Dodd	John Innes Centre, UK
Hiroshi Kudoh	University of Kyoto, Japan
Cyril Zipfel	University of Zurich, Switzerland
Vincent Castric	University of Lille, France
Arp Schnittger	University of Hamburg, Germany
Yukiho Toyama	University of Tokyo, Japan

Other Invited KEPLR Members:

Julia Santiago	University of Lausanne, Switzerland
Magnus Nordborg	Gregor Mendel Institute of Molecular Plant Biology, Austria
Xiaoqi Feng	John Innes Centre, UK

Organizer:

Tetsuya Higashiyama	University of Tokyo, Japan
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Program

- 10:00-10:25 Tetsuya Higashiyama:
Introduction of Key-Molecule-Network in Plant Reproduction project
- 10:25-10:50 Silvia Coimbra:
CRISPiT - Bridging fundamental knowledge and novel technology to increase rice heat tolerance/ A modern view of AGPs role during sexual plant reproduction
- 10:50-11:20 Kentaro K. Shimizu:
Robustness of polyploid species in natura studied by genomics and machine learning
- 11:20-11:50 Antony Dodd:
Integration of circadian and environmental cues
- <Lunch Break>
- 13:30-14:00 Hiroshi Kudoh:
Phenology of epigenetic regulation: Seasonality of H3K27me3 and H3K4me3 in a natural plant population
- 14:00-14:30 Cyril Zipfel:
Identification and characterization of stress-induced plant secreted signaling peptides
- 14:30-15:00 Vincent Castric:
Genomic basis of the diallelic self-incompatibility system in Oleaceae
- 15:00-15:30 Arp Schnittger:
Transcriptional control of germ line entry in Arabidopsis
- 15:30-15:55 Yukiho Toyama:
Study on *Cycas revoluta* fertilization with motile sperm toward elucidation of plant reproduction system evolution
- 15:55-16:00 Tetsuya Higashiyama:
Closing Remarks