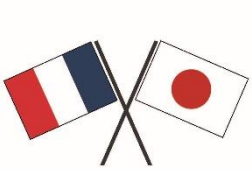

Fifth webinar of the IRN France-Japan Frontiers in Plant Biology: « Emerging models in plant sciences»

Thursday, October 20th 2022

Starting at 8:55 am (3:55 pm Tokyo time). Expected duration ~3h

8:45 – 9:00 Opening of the connection; please be connected before 8:55 am (Paris time / 3:55 pm Tokyo time)

8:55 – 9:00 Welcome address by **François Roudier** (RDP, ENS de Lyon) and **Takayuki Kohchi** (Kyoto University)

Long talks (20 min + 8 min discussion)
Chairpersons Annie Marion-Poll (INRAE, IJPB, Versailles) and **Ryuichi Nishihama** (Tokyo University of Science)

9:00 – 9:30 Sandrine Bonhomme (INRAE, IJPB, Versailles)
Strigolactone and KAI2-Ligand signaling in the moss Physcomitrium patens

9:30 – 10:00 Satoko Yoshida (Nara Institute of Science and Technology)
Phtheirospermum japonicum*, a new model for root parasitic plants*

Short talks (10 min + 3 min discussion)
Laurent Nussaume (CEA, BIAM, Saint-Paul-lez-Durance) & **Gwyneth Ingram** (CNRS, RDP, ENS de Lyon) and **Kimitsune Ishizaki** (Kobe University) & **Akane Kubota** (Nara Institute of Science and Technology)

10:00 – 10:15 Giovanni Finazzi (CNRS, LPCV Grenoble)
Light Photosynthesis & Metabolism in micro-algae (TBC)

10:15 – 10:30 Ryo Onuma (Kobe University Research Center for Inland Seas)
Kleptoplasty in dinoflagellates Nusuttodinium spp*. and insight into evolution of endosymbiosis*

10:30 – 10:45 Bénédicte Charrier (CNRS, Roscoff Marine Station)
The embryo of the brown alga Saccharina as a model of 4-way cell junction tissue patterning

10:45 – 11:00 Tomoaki Kajiwara (PhD student, Graduate School of Biostudies, Kyoto University)

Elucidation of the molecular mechanisms of sexual reproduction using an in vivo system to induce germline cell-like cells in the bryophyte Marchantia polymorpha

11:00 – 11:15 Arezki Boudaoud (Ecole Polytechnique, LadHyx, Saclay 🇫🇷)
Growth, form, and function in Marchantia

11:15 – 11:30 Hiraku Suda (Saitama University 🔴)
*Calcium ion-mediated memory and movement system in the Venus flytrap (*Dionaea muscipula*)*

11:30 – 11:45 Yuo-Myoung Angèle Noh (PhD student, RDP, ENS de Lyon 🇫🇷)
Understanding rose domestication and the mechanisms underlying major floral traits

11:45 – 12:00 Minako Isoda (Graduate School of Science, Kyoto University 🔴)
Diversification of circadian properties in duckweed

12:00 Concluding remarks by **François Roudier** (RDP, ENS de Lyon 🇫🇷) and **Takayuki Kohchi** (Kyoto University 🔴). Zoomorama.