



## Webinar « Development and Adaptation » - October 21st, 2021 - Program

### Main talks (20 min + 10 min discussion)

Chairpersons Dr Laurent Nussaume (BIAM CEA Cadarache) and Dr Shinichiro Sawa (Kumamoto University)

**8:45 -9:00** Opening of Zoom connection; please be connected before 10:00 (Paris time / 16:00 Tokyo time)

**9:00 – 9:05** Welcome address

Dr Thierry Gaude (RDP, Lyon) and Dr Takayuki Kohchi (Kyoto University Kyoto)

**9:05 -9:35** Dr Alexandre de Saint Germain (IJPB INRAE Versailles) Genetic and molecular mechanisms involved in rhizospheric plant-plant interactions

**9:35 -10:05** Prof Michitaka Notaguchi (Nagoya University) Insights from “Grafting biology”

### Short talks (8 min + 2 min discussion)

Chairs: Dr Gwyneth Ingram (ENS de Lyon) and Dr Chikako Nagasato (Hokkaido University)

**Starting at 10:05**

- Dr Marie Monniaux (CNRS researcher, RDP ENS Lyon) The role of cell layers during petunia petal development
- Dr Yuki Hirakawa (Assistant Professor, Gakushuin University) CLE peptide as a positive regulator of plant stem cell identity
- Ms Caroline Bellenot (PhD student, LIPME Toulouse) Physiology and immunity of Brassicaceae hydathodes upon infection by bacterial pathogens
- Dr Shunsuke Watanabe (Postdoctoral Researcher, RIKEN CSRS/BPMP Montpellier) Control of root growth direction through indole-3-butyric acid uptake mediated by NPF7.3/NRT1.5 in Arabidopsis
- Ms Sahar Hani (PhD student, SAVE, BIAM CEA Cadarache) Live single cell transcriptional dynamics via RNA labelling during the phosphate response in plants
- Dr Hiroaki Matsui (Postdoctoral Researcher, Kwansei Gakuin University) Coordination mechanisms to transport phosphate in marine diatoms
- Dr Maria Naranjo-Arcos (Postdoctoral Researcher, LRSV Toulouse) BRI1 SUMO/deSUMOylation regulates plant responses to elevated temperature
- Dr Nobutoshi Yamaguchi (Assistant Professor, NAIST) Epigenetic regulation of heat memory in Arabidopsis

**11:25 – 11:30** Concluding remarks by Dr Laurent Nussaume

