



## Webinar « Cell biology & signal transduction » - April 8th, 2021 - Program

### Main talks (20 min + 10 min discussion) [Abstracts](#)

**9:45 -10:00** Opening of Zoom connection; please be connected before 10:00 (Paris time / 16:45 – 17:00 Tokyo time)

**10:00 -10:05** Welcome address

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

**10:05 -10:35** Dr. [Emmanuelle Bayer](#) (LBM Bordeaux), Staying tight: controlling plant cell-to-cell communication through plasmodesmata membrane contacts. [Abstract](#)

**10:35 - 11:05** Dr. [Junpei Takano](#) (Osaka Prefecture University), Arabidopsis BOR1 is a borate transceptor that senses the boron concentration and promotes its own ubiquitination and degradation. [Abstract](#)

### Short talks (5 min presentation followed by a brief question/answer discussion)

Chairs: Dr Sébastien Mongrand (LBM, Bordeaux) and Dr Takashi Ueda (NIBB, Okazaki)

### Starting at 11:05

- Dr. Florian Frugier (IPS2 Paris Saclay), Signaling peptides acting in the systemic regulation of root system architecture in legumes. [Abstract](#)
- Dr. Emi Ito (Institute for Human Life Innovation Ochanomizu University) Molecular regulation of plant-unique membrane trafficking pathway in Arabidopsis. [Abstract](#)
- Dr. Alexandre Martinière (BPMP Montpellier), Plant Membrane Nano-organization and cell signaling. [Abstract](#)
- Dr. Akira Yoshinari (Nagoya University), Mechanisms underlying outer/inner lateral polar-localization of membrane proteins. [Abstract](#)
- Alexis Lebecq (RDP ENS de Lyon), Suppressor of actin 9 (sac9) mutant underlines the interplay between membrane composition and cytoskeleton dynamics during plant cytokinesis. [Abstract](#)
- Dr. Hiromasa Shikata (National Institute for Basic Biology), Distribution of two phospholipids defines a dynamic plasma membrane domain for re-orientation of root hair tip growth. [Abstract](#)
- Maherun Nisa (IPS2 Paris Saclay), Distinctive roles of E2F transcription factors during plant replicative stress response. [Abstract](#)
- Dr. Yushi Yoshitake (Meiji University Kawasaki), Phosphate starvation induces ER degradation via selective autophagy. [Abstract](#)

