

Institut Jean-Pierre Bourgin

# Séminaire

Lundi 12 novembre, à 14h00

**Dr. Aurélien Boisson-Dernier**

*Botanical Institute, University of Cologne, Allemagne*

## **Cell Wall Integrity Maintenance: new molecular players and conservation during land plant evolution**

### **Recent publications**

Franck, C.M., Westermann, J., Bürssner, S., Lentz, R., Lituiev, D., and **Boisson-Dernier, A.**, (2018). The protein phosphatases ATUNIS1 and ATUNIS2 regulate cell wall integrity in tip-growing cells. [Abstract](#).

Franck, C.M., Westermann, J. and **Boisson-Dernier, A.**, (2018). Plant Malectin-Like Receptor Kinases: From Cell Wall Integrity to Immunity and Beyond. *Annu. Rev. Plant Biol.* [Abstract](#)

**Boisson-Dernier, A.**, Franck, C.M., Lituiev, D., and Grossniklaus, U. (2015). The receptor-like cytoplasmic kinase MARIS functions downstream of CrRLK1L-dependent signaling during tip growth. [Full text](#)

**Boisson-Dernier, A.**, Lituiev, D., Nestorova, A., Franck, C.M., Roy, S., Thirugnanarajah S., and Grossniklaus, U. (2013). ANXUR Receptor-Like Kinases Coordinate Cell Wall Integrity with Growth at the Pollen Tube Tip via NADPH Oxidases. *PLoS Biol.* [Full text](#)