
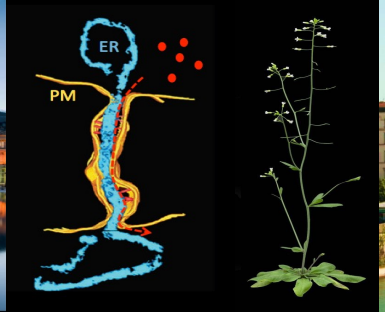

3 years Post-Doc Position in Cell Biology

E. Bayer's group (Bordeaux, FR) & M-C. Caillaud's group (Lyon, FR)

Establishment of the plasmodesmata mediated cell-to-cell communication during cell division

3 years Post-Doc position supported by ANR funding is available for a joined project between E. Bayer's team in *the Laboratory of Membrane biogenesis LBM (*Bordeaux, France) & M-C. Caillaud's group at *the Reproductive and Plant Development Laboratory RDP (*Lyon, France*),*

Candidates

We are looking for highly motivated candidates with a good publication track-record and a strong commitment to research, to work at the interface between the two labs. Prior expertise in cell biology is definitely a plus. Excellent English communication skills are expected.

Environment

The *LBM (*Bordeaux), is a world-wide recognized institute for its expertise in plant membrane biology is located in the plant science campus, with access to cutting edge high-resolution microscopy, proteomic, and lipidomic platforms. Bordeaux is a easy-going and enjoyable city, only 1h away from marvellous sand beaches.

The *RDP (Lyon)* located at the ENS Lyon is among the world leading centers working on plant development, with expertise in molecular biology and imaging, it increasingly develops systems and quantitative biology to simulate the behavior of cells and tissues.

Lyon is a vibrant city, 2h from the Alps, Paris or the Mediterranean sea.

To apply please send one PDF file to:

emmanuelle.bayer@u-bordeaux.fr
and marie-cecile.caillaud@ens-lyon.fr
with the following:

- cover letter
- Short summary of previous research activities
- CV including publications and contact details for 2-3 referees

Deadline 01st of August 2022

Starting date:
October 2022 and onwards

Bayer's team website
Caillaud's team website

Bordeaux: https://www.bordeaux.fr/
Lyon: https://www.onlylyon.com/en

Recent Publications:

📌 Brault, Petit *et al.* (2019) Multiple C2 domains and transmembrane region proteins tether membranes at plasmodesmata. EMBO Rep

📌 Yan, Yadav *et al. (*2019) Sphingolipid biosynthesis modulates plasmodesmal ultrastructure and phloem unloading. Nature Plants

📌 Doumane, Lebecq, *et al.* (2021) The Arabidopsis SAC9 Enzyme defines a cortical population of early endosomes and restricts PI(4,5)P2 to the Plasma Membrane. BioRxiv

📌 Doumane, Lebecq, *et al. (*2021) Inducible depletion of PI(4,5)P2 by the synthetic iDePP system in Arabidopsis. Nature Plants