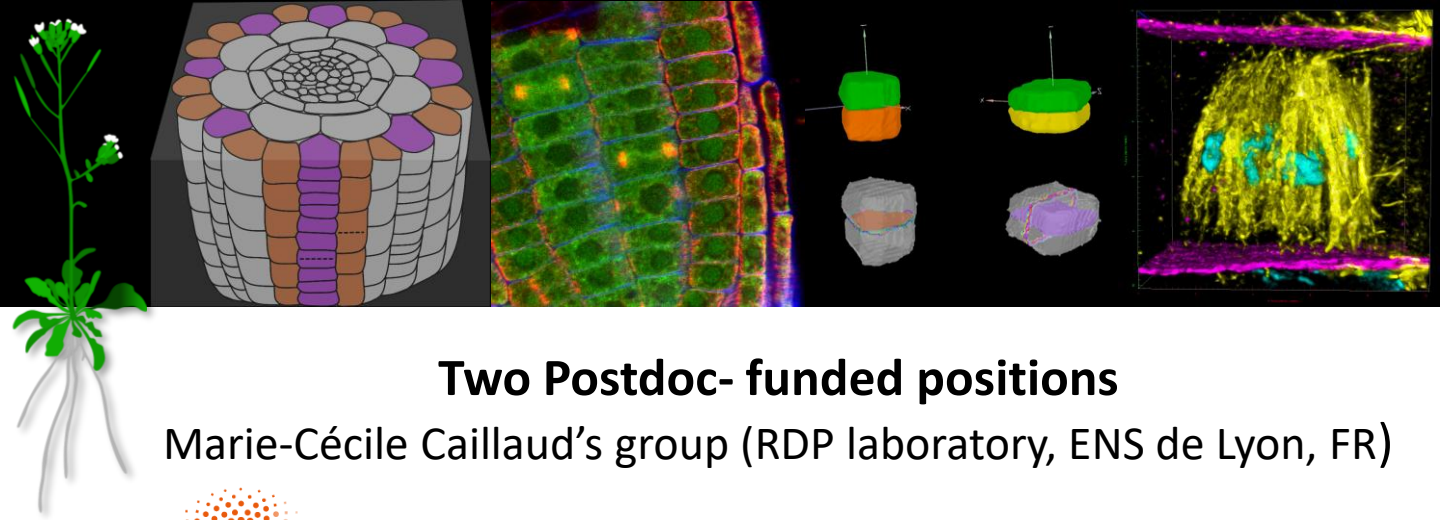




Two Postdoc- funded positions

Marie-Cécile Caillaud's group (RDP laboratory, ENS de Lyon, FR)



Deadline: 1th of Nov 2026

Starting date: Jan 2027 and onwards

PROJECT

Using a combined approach of cell biology, molecular genetics, and mechanical modeling at multiscale, we will explore how plant cells orient their division by integrating biophysical and biochemical signals from surrounding tissues. [team website](#)

CANDIDATE

We are looking for highly motivated candidates with a good publication track-record and a strong commitment to research, to independently investigate scientific questions. Prior expertise in plant cell biology or biophysics is a plus. *The working language of the laboratory and the institute is English.*

ENVIRONMENT

-The project will benefit from the join expertise of Marie-Cécile Caillaud (CNRS), Olivier Ali (INRIA) in a ERC Consolidator project, ensuring considerable exposure to multidisciplinary approaches.

-The [RDP laboratory](#) is hosted by one of the nation's top institutions, [ENS de Lyon](#) (leading French establishment, QS2025 World University Ranking).

-The lab is an international working environment, with women equally represented in the workforce.

-Lyon is a vibrant city www.onlylyon.com 2h from Paris, the Alps, or the sea.

RECENT PUBLICATIONS

✦ Goldy et. al., (2026) The actin cytoskeleton is required to maintain plant cell division orientation against cellular geometry [Science Advances](#)

✦ Gascon et. al., (2025) Conserved mechanical hallmark guides four-way junction avoidance during plant cytokinesis, [Current Biology](#)

✦ Lebecq, et al. (2023) "The phosphoinositide signature guides the final step of plant cytokinesis" [Science Advances](#)



Please send one PDF file to :

marie-cecile.caillaud@ens-lyon.fr

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