



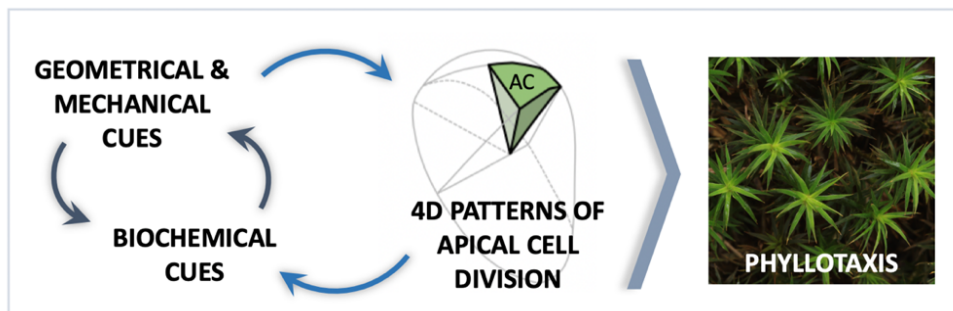
Post-Doc position in Plant Development

A 2-year post-doc position (with possibility of extension) is available at the Plant Reproduction and Development (RDP) laboratory (ENS Lyon, France, <http://www.ens-lyon.fr/RDP/?lang=en>), in the context of an HFSP-funded project in collaboration with UC Davis, Düsseldorf University and the John Innes Centre.

Expected starting date: November/December 2021

The RDP laboratory is a world leading research center on plant development and quantitative biology. The laboratory offers a highly stimulating international and interdisciplinary environment where expertise ranges from molecular genetics, genomics, cell biology to biophysics, mathematics and computational modeling. The laboratory is located in the ENS de Lyon elite University in the vibrant city of Lyon in the south of France.

Research topic: The recruited person will work on the model moss *Physcomitrium patens* to explore how phyllotaxis emerges from biochemical and physical signals at single cell-resolution, using approaches in developmental genetics, confocal live imaging and optogenetics.



Required skills: We are looking for highly motivated and creative candidates with a proven ability to solve scientific problems, critically discuss experimental results and interact with scientists from distinct backgrounds (biologists, modelers, bio-physicists, computer scientists). **The candidates should have practical skills in cell/tissue culture, molecular biology and live confocal imaging. The working language of the laboratory and the team is English. Excellent written and communication skills are required.**

Scientific references: Véron et al. (2021) Trends in Plant Science, vol. 26 124-131 ; Galvan-Ampudia et al. (2020) eLIFE, 9:e55832 ; Besnard et al. (2014) Nature, 10.1038/nature12791

The post-doc will work under the supervision of Dr. Teva VERNOUX and Dr. Yoan COUDERT. Enquiries can be made by email at : yoan.coudert@ens-lyon.fr

To apply, please send a CV and a cover letter (including contact details of three references) to yoan.coudert@ens-lyon.fr