



## Postdoc position available in the group of Thierry Gaudé “Plant epidermis responses to invading cells”

Please send one PDF file to  
Isabelle LOISY [isabelle.fobis-loisy@ens-lyon.fr](mailto:isabelle.fobis-loisy@ens-lyon.fr)  
with the following information:

- cover letter
- concise summary of previous research activities
- curriculum vitae including publication list and contact details for 2-3 referees

*Starting date is early 2015*

### **Team website:**

<http://www.ens-lyon.fr/RDP/SiCE/Home.html>

### **Lyon website:**

<http://www.onlylyon.org/onlylyon-org-42-2.html>

### **Post-doctoral position:**

A 3-year postdoctoral position supported by a French ANR grant is available in the team of Thierry Gaudé in the Plant Reproduction and Development Laboratory at the Ecole Normale Supérieure of Lyon.

The research project aims at studying the early communication events that occurs at the female organ surface following pollen perception. We are particularly interested in deciphering cellular and molecular changes triggered by compatible or incompatible pollen-stigma interactions. We use a combination of advanced live imaging, genetic and transcriptomic approaches to address fundamental questions in cell-cell communication.

### **Environment:**

The Plant Reproduction and Development Laboratory is among the world leading centers working on plant development, supported by ENS Lyon, University of Lyon, CNRS and INRA. 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 with many cultural and sportive opportunities, 2 hours from the Alps, Paris or the Mediterranean sea.

### **Candidate requirements:**

We are seeking a highly-motivated candidate with strong involvement in his/her research project and with practical skills in (i) biochemistry (protein-protein interactions, immunoprecipitation from plant tissues) and (ii) analysis of RNAseq data. An experience in confocal microscopy will constitute an advantage.

The working language of the laboratory and the institute is English. Excellent written and communication skills in English are required.

