PhD Position in Plant Molecular and Cell Biology

Identification and characterization of candidate genes driving glandular trichome development in tobacco

Université catholique de Louvain, Institute of Life Sciences, Louvain-la-Neuve, Belgium

Project
A PhD position is available in the laboratory of Charles Hachez to investigate the developmental process leading to the formation of glandular trichomes in *Nicotiana tabacum*. The project will focus on the identification and characterization of candidate genes controlling/driving this developmental process and will combine the expertise of the host lab in molecular and cellular biology. Stable transgenic tobacco (*Nicotiana tabacum*) lines deregulated in the expression of specific candidate genes will be generated and characterized.

Place
The University of Louvain is the largest university of the French speaking part of Belgium. It is located in Louvain-la-Neuve, 30 km south of Brussels. One of the most recent towns in Europe, Louvain-la-Neuve is hailed as an achievement, combining modernity with tradition, inspired by the layout of mediaeval university towns. The host laboratory belongs to the Institute of Life Sciences ([http://www.uclouvain.be/en-issv.html](http://www.uclouvain.be/en-issv.html)), which brings together more than 150 researchers working in the field of biochemistry, molecular and cell biology and physiology. This Institute runs several technical platforms, such as confocal microscopy, proteomics and mass spectrometry.

Application
Applicants should hold a Master degree in biology/bio-engineering with some experience in plant molecular and cellular biology. Funding is provided for two years and the position is available as from January 1, 2017. The candidate will be evaluated after one year. The candidate will have to apply to other PhD fellowships (via local agencies) to fund his/her work beyond these two years. Applications have to be sent by e-mail to Charles Hachez. Please include a statement describing your research interests, CV, and the names and contact information of two academic/professional referees. Closing date for applications: February 1, 2017 or until the position is filled.

Charles Hachez
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