

Full time academic vacancy in the field of Translational Plant Biology.

Start date: 1 September 2021

Description of the course load:

A full time, indivisible position in the field of **Translational Plant Biology**, within the Department of *Life Sciences*. This post includes teaching, research and services to the Community.

Teaching activities:

This includes theory courses and the organisation of practical work sessions in relation to the Department's teaching programmes in the Bachelor's in Biological Sciences, the Bachelor's in Veterinary Medicine and the Master's in Biochemistry and Molecular and Cellular Biology, as well as the Master's in Bioinformatics and Modelling. This represent a workload of approximately 180 to 200 hours/year (theory, repetitions and practical work). Courses may be given in French or English, depending on the course and level of study. In addition to these courses, the successful applicant will supervise students doing placements in laboratories.

As an example, the course load could include the following courses:

- Biology I (Block 1, BA-VT, 38+36h)
- Genetics and molecular biology (Block 3, BA-Bio, 20h+10h)
- Genetic engineering (Block 1, M-BBMC and M-BIM, 20h+0h)
- Introduction to quality assurance (Block 2, M-BBMC, 10h+5h)
- Training in scientific communication (Block 3, BA-Bio, 0h+40h)
- Philosophy and bioethics (Block 3, BA-Bio, 5h+0h)

Research Activities:

The research developed by the candidate will focus on the study of flowering plants and their response to changes in the abiotic environment. The experimental approach will make use of "OMICS" methods (e.g., genomics, transcriptomics or proteomics) and will aim to transfer knowledge from model species, in a context of solving current problems. Additional experience with other photosynthetic organisms will be positively considered during the selection process. These activities will consolidate research in Plant Biology carried out within the Department of Life Sciences and, ideally, will participate in the development of the infrastructures for experimental crops available in the "PhytoSYSTEMS" CARE.

Candidates must demonstrate a high quality scientific production in accordance with the standards of the discipline. They will also be expected to apply to external bodies in order to obtain relevant funding.

Services to of the Community:

The successful applicant will be involved in community service activities, such as promoting their field of research, science in general and ULiège to the general public and potential students. They will also play an active role in the life of the PhytoSYSTEMS CARE, the Department, the Faculty of Sciences and the Institution.

Qualifications/Profile:

- Must hold a doctorate;
- Applicants will be expected to demonstrate strong research potential and a high level of autonomy;
- In addition, applicants must demonstrate excellent teaching skills (teaching and mentoring doctoral students);
- They should demonstrate an aptitude for teaching general biology, genetics and molecular biology (including genomics) at Bachelor and Master's level;
- Provide evidence of international research experience in the field of plant biology in particular based on "OMICS" technologies;
- Fluency in French for Bachelor's level courses;
- Fluency in English for Master's level courses.

A long-term post-doctoral research stay abroad is a major asset.

Selection procedure:

The selection procedure will be in accordance with the regulations applied within the University of Liège.

Applications:

Applicants are requested to submit their applications electronically, to the following address: Postesacademiques@uliege.be with a copy to francoise.motte@uliege.be **no later than 28 February 2021.**

Required documents:

- ✓ Applications should be submitted (with a cover letter), accompanied by a complete [curriculum vitae](#) (see the procedures on the website of the Faculty of Sciences at: <https://www.sciences.uliege.be/emploi-sciences>) ;
- ✓ A report on past and current research activities and a research plan, including the envisaged integration within the University of Liège;
- ✓ A teaching file including a report on any prior teaching activities and a teaching plan;
- ✓ A copy of any publications (electronic version).

Conditions of recruitment:

The position shall be assigned either from the outset on a permanent basis or for a fixed term of four years, which may lead to the permanent appointment of the person concerned.

In the case of a four-year appointment, an evaluation of the person concerned will be carried out at the end of the third year.

- If the evaluation is negative, the person concerned will complete the four-year term but will not be able to extend it.
- If the assessment is positive, the person concerned shall be appointed on a permanent basis.

Our institutional policy is based on diversity and equal opportunities. We select candidates on the basis of their qualities whatever their age, sexual orientation, origin, beliefs, disability or nationality.

Information:

Any further information can be obtained from **Ms Françoise Motte** - tel: +32 4 366 36 52 – francoise.motte@uliege.be

Salary:

Salary scales and how they are applied are available from the human resources department of the University: **Ms Ludivine Depas** – tel.: +32 4 366 52 04 – Ludivine.Depas@uliege.be