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Université
de Strasbourg

PROJET DE THÈSE CIFRE



PhD POSITION – INDUSTRIAL PARTNERSHIP
Convention industrielle de formation par la recherche

Strasbourg, June 19, 2023

Call for applications

In the context of an interdisciplinary project in **plant chemical and metabolic biology**, which will be developed in close partnership with **Elicit Plant**, an Agri-biotech partner engaged in pioneering agricultural solutions for modern and resilient crop management,

a 3-year doctoral stipend will be funded as a *Convention Industrielle de Formation par la Recherche* or 'CIFRE', to start in september/october 2023. The CIFRE (industrial research training agreement) will allow the industrial partner to hire a doctoral student whose research work, supervised by a public research laboratory, will lead to the defense of a thesis.

The objective of the program is to refine our understanding of **biological activities of phytosterols** during the course of **plant growth and development in challenging environmental conditions**. The program requires multilevel and multidisciplinary approaches, from chemistry and cell biology to visualize reporters, to functional expression of genes and metabolomics to identify novel biochemical processes. The hosting research laboratory, the *Institut de biologie moléculaire des plantes (IBMP)* in Strasbourg, is one of the prominent CNRS research centre dedicated to plant sciences in France. It is affiliated to the University of Strasbourg (Unistra) and its Life Sciences doctoral school. Part of the research program will require short stays in the company (south-west France). Strasbourg is a vibrant city, 'the city at the crossroads of Europe', doctoral students in Strasbourg have access to multiple training courses and opportunities for career development.

Candidates will have an initial training and education in chemistry and biochemistry and a strong motivation to address scientific questions in biology. A first experience in cell biology, metabolic biology, metabolomics, or transcriptomics will be considered as a plus.

For further details and application, please send a CV, a motivation letter and references to

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