

Job title: **R&D Engineer – Plant molecular Biology**
Company: SamaBriva
Type of contract: Fixed-term contract (10-12 months)
Location: Amiens, France
Salary: To be discussed
Professional experiences: Experienced

Company:

SamaBriva is a biotechnology company founded in July 2011 as a spin-off from the University of Picardie Jules Verne (UPJV, Amiens - France). It is specialized in the production of complex bio-molecules of therapeutic or industrial interest for treatment of patients with rare diseases. It has especially developed an innovative vegetal platform making it possible to produce high added value bio-molecules from roots cultivated in a confined and sterile environment. Several human proteins of therapeutic interest have already and successfully been produced through this technological platform in collaboration with industrial leaders on their respective markets.

For more information: www.samabriva.com.

Missions:

The R&D engineer is in charge of the implementation, the development and the realization of feasibility studies in order to produce and characterize proteins of interest for the company. The candidate will be more precisely in charge of leading projects, realizing bibliographic studies, writing of protocol studies and study reports and the realization of experiments.

Required knowledge:

- To master approaches to the construction of complex expression vectors by molecular biology and microbiology techniques, as well as transfection and infection techniques in plants to produce complex biomolecules (proteins, antibodies, VLP).
- To master the techniques of analysis of gene expression as well as softwares for predicting and analyzing sequences, oligonucleotide design, etc.
- To master the techniques of *in vitro* culture and regeneration of whole plants.
- To master the techniques of biochemical analysis of proteins (western blot, immunocytochemistry, SDS-PAGE, SEC-HPLC, etc.) and classical technic used in biology.

Professional profile:

PhD minimum, you have strong knowledge in the field of molecular biology, biochemistry and protein production from an expression system of plant origin. You are accustomed to carry out scientific monitoring and autonomously carry out a project. An experience in industrial environment will be an advantage. Current English is required.

Please send your resume and cover letter under reference: "201801 R&D Engineer"
at: rh@rootlines-tech.com

SamaBriva