

# INGÉNIEUR R&D MÉTABOLOMIQUE H/F

## Business Line

Holding

## Type of contrat

Permanent contract

## Location

**Country :** France

**Department / state / province :** ILLE-ET-VILAINE

**City :** SAINT MALO

## Missions

In order to strengthen our team, the R&D Plant Nutrition Department is recruiting a:

**RESEARCH ENGINEER IN METABOLOMICS**  
based in Saint Malo (France)

MISSION :

Within the R&D department, under the responsibility of the Laboratory Manager, your main mission will be to manage the metabolomic platform in order to identify and to analyze biomolecules in plants and in natural extracts.

As such, your main tasks will be the following :

- Development and validation of methods and SOPs for the characterization and quantification of biomolecules by mass spectrometry (QQQ and QTOF) coupled with chromatography (UHPLC, GC)
- Build-up mass spectral library databases based in high-resolution mass spectrometry detection.
- Good knowledge in data treatment and statistical analysis (PCA, PLS-DA, OPLS-DA, SVM).
- Proven experience in sample preparation (SPE, LLE, SLE, SPME, HS).
- Planning analytical tasks of different internal and collaborative projects with academic Research.
- Elaboration of reports and technical documents.
- Routine maintenance of instruments in the platform.
- Attending scientific conferences and scientific monitoring
- Training junior members of the team and follow-up of the laboratory's good practice.

## Profile

PhD (or equivalent) in chemistry, analytical chemistry, biochemistry or related, you have in-depth knowledge of mass spectrometry and you have acquired expertise in metabolomics analyses in plants. You master bioinformatics, statistical analyses and mass spectrometry software. Ideally you will have had a first experience in public and/or industrial research or a post-doctorate mission.

You speak fluent English and you speak or would like to learn French. Knowledge of another foreign language would be appreciated. Rigor, analytical skills are necessary tools to succeed in this position. Furthermore, you have the ability to combine autonomy and team spirit.

## Candidate criteria

Education level :

**APPLY FOR THE OFFER**

**SEE OUR EMPLOYEES TESTIMONIALS**