

Analytical Development Manager

Job Type

Full Time

Job Description

Experienced Analytical Chemist to join our Research and Development (R&D) to lead the methods developments and the studies using liquid chromatography coupled to high resolution mass spectrometry

Research and Development activities:

- Development of analytical methods in the field of water analysis (pesticides, drugs, metabolites)
- Participate to the amelioration of the data processing in connection with the bioinformatics team
- Adapt and transfer developed methods in routine
- Participate in the creation of protocols and procedures for laboratory activities

Client related activities:

- Elaborate the study design in connection with the client and conduct the study
- Follow up and management of client studies
- Write routine laboratory procedures
- Keep updated laboratory note book
- Prepare analytical samples
- Analyze the results with the software *XCalibur 4.0, TraceFinder 3.3 and internal "DIY" scripts* developed by bioinformaticians.
- Write scientific reports (PowerPoint and Word documents)
- Present the results to the client

Other activities:

- Commercialization of the water analyses (exhibitions, scientific supports, emailing, etc.),
- Participate to congress and conferences
- Present scientific results in scientific congress and commercial events
- Use and Maintain lab equipment respecting operating procedures (**UHPLC-HRMS (Q-Exactive)**)
- Manage relationships with the equipment's supplier, plan interventions of the SAV, realize interventions when it is possible
- Manage laboratory stock and Order consumables when it is necessary
- Literature review
- Interns and technicians management
- Train of technicians, interns and engineers
- Support business development team
- Participate actively in the company quality system (indicators estimation, objectives follow up and audits)

Minimum requirements

1. MSc degree in analytical chemistry with at least 3 years of working experience, PhD preferred
2. Experience in samples preparation
3. In deep experience in mass spectrometry
4. **High resolution mass spectrometry and Orbitrap platform experience will be an advantage**
5. Knowledges in development and validation of analytical methods
6. Discipline, curiosity, creative, spirit of initiative
7. Ability to work in a team, flexibility
8. Experience in high resolution mass spectrometry and metabolomics
9. Basic knowledge of Good laboratory practices
10. Awareness for safe handling of chemicals, biologics and potentially dangerous materials and equipment.

11. Good scientific and technical knowledge in a specific area (quantitative analysis of small molecules, structural analysis of biomolecules, liquid chromatography ...)
12. Good knowledge of laboratory and/or technical tools.
13. Good knowledge in statistical analysis methods and tools
14. Adequate knowledge of software and computer tools.
15. Basic presentation skills.