

RECRUITMENT

Engineer in Analytical Chemistry (Ingénieur d'Etudes en Chimie Analytique)

Keywords: analytical chemistry, liquid chromatography, gas chromatography, mass spectrometry

Chaire ABI of AgroParisTech (<http://www.chaire-abi-agroparistech.com>) located in the European Center of Biotechnology and Bioeconomy (CEBB, <http://www.cebb.innovation.eu>) at Pomacle (20 km from Reims, France) is looking for an enthusiastic and outstanding Junior Research Associate. The researcher will provide inspirational research excellence and leadership in analytical chemistry.

ABOUT CHAIRE ABI:

Chaire ABI is a research and teaching unit of AgroParisTech dedicated to the valorization of agro-resources and biorefineries byproducts, founding member of the CEBB and member of both IAR cluster and SFR Condorcet. With expertise in white biotechnologies, green chemistry and process engineering, the team works on multi-disciplinary research projects aiming at the development of new industrial processes allowing integrating the transformation of byproducts of agriculture into high value added chemicals such as biopolymers, fine chemicals, functional additives or cosmetics.

MISSION:

The successful candidate will join our very dynamic and well-equipped "Analytical chemistry" platform and work with all the scientists of the Chaire ABI: chemists, biologists, downstream processing experts.

The successful candidate will be responsible of 3 LC systems (2 LCs dedicated to small chemicals, and 1 GPC w/ 4 detectors), and share responsibility of our LCMS-QTOF with our engineer specialized in GCMS. (S)he will also perform analyses, develop methodologies and write up reports. (S)he will also maintain LC systems.

Join us on a **permanent contract (French CDI with a probationary period of 4 months)**.

The level of salary will be dependent upon qualification and experience.

CANDIDATE PROFILE:

The successful candidate will hold a Master of Science (M2, Diplôme d'Ingénieur) in Analytical Chemistry with a specialization in liquid chromatography. Proven skills in mass spectrometry and/or GC chromatography will be an asset.

Competences Sought:

- Recognized skills in analytical method development (LC, GC, LCMS, NMR, FTIR, UV, ...) and more particularly on LC systems
- Well developed skills in LC system maintenance/troubleshooting
- Writing and communication skills

- Critical and analytical thinking, scientific rigor
- Creative, perseverant and well organized
- A passion for sustainability/green chemistry & biomass valorization
- A passion for innovation
- A willingness to work in a pluridisciplinary laboratory
- A willingness to work closely with industry
- Familiarity with instrumentation
- A pragmatic approach and a sense of urgency
- Good social skills and team work habits

This position is based at: *CEBB – 3, rue des Rouges Terres 51110 Pomacle, FRANCE*

This position will be open in April 2019, or eventually sooner depending on the availability of the successful candidate.

Application:

Application and informal inquiries about the post should be sent to the Director of Chaire ABI, Prof. Florent Allais (florent.allais@agroparistech.fr, Phone: + 33 3 52 62 05 62, Mobile: +33 6 33 69 81 26). Applications must include: a full and up-to-date CV, a cover letter for the position, and 3 letters of recommendation.