

## RECRUITMENT

### Technician-Engineer Assistant-Engineer in Synthetic Chemistry

(Technicien – Assistant Ingénieur – Ingénieur d’Etudes en Chimie de Synthèse)

**Keywords:** organic synthesis, biocatalysis, green chemistry, sustainability, (bio)degradability, biomass

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 the synthesis of sustainable polymers from biomass-derived molecules.

#### 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 research group. Within our “Green Chemistry – Polymers/Materials” team, the successful candidate will work on the synthesis of bio-based chemicals and their characterization.

The candidate will also work in close collaboration with our specialists in polymer/material synthesis.

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 Bachelor of Science (BTS, DUT, Licence Pro) or a Master of Science (M2, Diplôme d’Ingénieur) in Chemistry. Proven skills in biocatalysis and/or green chemical processes will be an asset.

#### Competences Sought:

- Well-developed skills in laboratory experimentation related to organic/synthetic chemistry
- Well-developed skills in analytical chemistry (NMR, FTIR, UV, LC, GC, LCMS...)
- 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 January 2019.

**Application:**

Application and informal inquiries about the post should be sent to the Director of Chaire ABI, Prof. Florent Allais ([florent.allais@agroparistech.fr](mailto: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.