

## RECRUITMENT

### Research Scientist III in Biotechnology

**Keywords:** biotechnology, applied microbiology, liquid fermentation, submerged fermentation and solid-state fermentation

URD 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 URD ABI:

URD 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 and be appointed as Research Scientist in our “Biotechnology” team. (S)he will develop and conduct research on applied microbiology for biomass valorization, bio-based molecules production and green chemistry. Skills in solid-state fermentation will be an asset.

The candidate will also supervise undergraduate, graduate students and post-docs and work in close collaboration with the “Green Chemistry - Polymer/Material” and “Downstream Processing and Chemical Engineering” teams.

Giving presentations at national and international conferences, publishing scientific articles in peer-reviewed journals as well as grant proposal writing will be part of the work routine.

As our team is dedicated to innovation and its transfer towards industry, the Junior Research Associate will work closely with industrial partners. Moreover, the URD ABI having various international collaborations and co-advised graduate students in the USA and in Australia, the candidate may travel occasionally.

Join us on a **permanent contract (French CDI with a probationary period of 4 months)**. NB: A “détachement” for candidate holding a permanent position from a French University, CNRS, INRA or similar institutions can be considered as well.

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

**CANDIDATE PROFILE:**

The successful candidate will hold a PhD in Biotechnology (or related fields) with 1-3 years of post-doctoral experience and have a strong publication track record. Proven skills in biotechnology, fermentation and/or microbiology as well as a demonstrated ability to attract independent research funds will be an asset.

(S)he will have extensive relevant experience in an academic (an possibly also an industrial or other professional) environment, an international outlook, excellent English skills, and make significant scholarly contribution based on research excellence, integrity and impact that fits our team.

**Competences Sought:**

- Biotechnology
- Microbiology and fermentation technology
- Molecular biology, enzymology
- A passion for sustainability & biomass valorization
- A passion for performing experiments
- 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 October 2019.

**Application:**

Application and informal inquiries about the post should be sent to the Head of Biotechnology Department of URD ABI, Prof. Michel Lopez ([michel.lopez@agroparistech.fr](mailto:michel.lopez@agroparistech.fr), Phone: + 33 3 52 62 04 84, Mobile: +33 6 65 72 35 45). Applications must include: a full and up-to-date CV, a complete list of publications, oral and poster presentations, a cover letter for the position, and 3 letters of recommendation.