

NOTICE

Call to Hire a PhD Researcher (Ref. BIOREF-52)

The BIOREF Association - Collaborative Laboratory for Biorefineries, with funding under the Interface Mission Program, investment No. 01/C05-i02/2022 financed by the PRR - Recovery and Resilience Plan and the NextGeneration EU European Funds, has an open call for PhD researchers, in accordance with the procedures set out below.

1. Admission Requirements

Applicants must hold a PhD degree in chemical engineering, mechanical engineering or related fields. Proficiency in spoken and written English is a prerequisite for admission. Candidates must have knowledge of the implementation of thermochemical conversion technologies for biomass, synthesis gas, CO₂, and/or H₂ into gaseous and/or liquid biofuels, being specific requirements:

- Experience in the thermochemical conversion of biomass (gasification and/or pyrolysis and/or hydrothermal liquefaction) and/or hydrodeoxygenation reactions.
- Experience in carrying out scientific projects in EU framework programs or national programs and/or industrial projects (preferred).

2. Function/activities to be performed

- Execution of R&I project activities;
- Support for the various technical-scientific activities of the work team;

3. Selection method

The applications received will be ranked on the basis of an assessment of the scientific and curricular background. Candidates who show a curricular profile appropriate to the functions/activities to be performed may be called for an interview that is intended exclusively for the clarification of aspects related to the results of their research and has a maximum weight of 10% of the total evaluation.

4. Application submission

The application must indicate the reference BIOREF-47 and include the following documents:

- a. Motivation letter;
- b. Detailed *curriculum vitae* with a copy of the qualification certificates and a copy of other relevant supporting documents;
- c. Recommendation letter (optional).

The application should be sent to the following e-mail address: geral@bioref-colab.pt

5. Deadline for the submission of applications

Applications will be permanently open until the ideal candidate is selected. The first deadline for assessing applications will be May 14, 2024.

6. Selection jury

Francisco Gírio, Philippe Ramos, Joana Bernardo, Paulo Brito, Fernando Pereira

7. Notification of results

The final result of the evaluation will be sent to all applicants via e-mail. The BIOREF Association is free to fill the position or not and may suspend or terminate the process at any time, simply by informing all candidates.

8. Remuneration

We offer a challenging and rewarding working environment with a competitive remuneration package commensurate with experience. Join us and help us build a sustainable future!

9. Place of Work

The work will be carried out on the premises of the BIOREF Association in Lisbon or in other locations necessary for the execution of the activities.

10. Legislation applicable at the conclusion of the contract

If the academic degree has been awarded by a foreign higher education institution, it must comply with the provisions of Decree-Law no. 66/2018, of August 16, and any formalities set out therein must be completed by the application deadline. Recognition of foreign academic degrees will only be required of candidates selected for the purpose of concluding the employment contract.

11. Data protection

In accordance with the RGPD - General Data Protection Regulation, the data collected will be processed exclusively for the purpose of processing the application.

12. Other information

See website: www.bioref-colab.pt