

## CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

### 1 Research Fellowship (BI) for Master

1 Research Fellowship(s) (BI) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution GreenFuel - Sistema de baixas emissões para a produção de combustíveis verdes e de compostos bioativos de elevado valor comercial baseado na biorrefinaria de Gordonia alkanivorans estirpe 1B, PTDC/EAM-AMB/30975/2017, financed by *Fundação para a Ciência e a Tecnologia, I.P./MCTES* under national funds (PIDDAC), under the following conditions:

1. **Scientific Area:** Biotechnology/Energy & Environment
2. **Requirements for admission:** Master in Microbiology, Biotechnology ou similar areas
3. **Additional optional skills and qualifications:** experimental knowledge of microbiologic processes in particular in the biodessulphurization area.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrollment in Doctoral Programme and/or non-degree course
5. **Work plan:** Monitoring experimental assay, collect data on mass flows, energy consumption and emissions of each stage (biocatalisors pyrolysis, biodessulphurozation of pyrolysis oils, CO<sub>2</sub> capture, waste recovery); Review of industrial reactores and scenario building for scale-up and techno-economic evaluation (CAPEX, OPEX, IRR) and environmental evaluation (CO<sub>2</sub>eq, EROI, water scarcity) to understand the potencial of a tire/plastic waste biorefinery.
6. **Legislation framework:** Research Fellowship Holder Statute, in accordance with Law 40/2004, of 18 August, in its current version and the FCT Regulation for Research Studentships and Fellowships, in its current version (Reg. 950/2019 published in DR on 16<sup>th</sup> December: <https://dre.pt/application/file/a/127230968>, or at the FCT website: <https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>), and FCiências.ID Fellowship Regulation, as approved on 12<sup>th</sup> May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCiências.ID](#)).
7. **Place of work:** The work will be developed at the IDL - FCiências.ID and UBB – LNEG, where the work will occur under the scientific supervision of Professor Carla Alexandra Monteiro da Silva (IDL) and Professor Susana M.T. Paixão Alves (UBB/LNEG).
8. **Fellowship duration:** This position is initially opened for 6 months and will begin on September 2021. The fellowship contract may be potentially renewed until the end of the project, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.
9. **Monthly allowance:** The fellowship amounts to € 1 104,64 ,according to [table values](#) of the fellowships awarded directly by the FCT, IP. The fellowship holder will have a personal accident insurance and can ensure the right to social security through adherence to the voluntary social insurance scheme, if not covered by any other social protection scheme, pursuant to *Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social*. The fellowship will be paid monthly by bank transfer.

## CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV 85% and motivation letter 15%.
11. **Selection Committee:** Carla Alexandra Monteiro da Silva (President, FCUL), Susana M. Teixeira Paixão Alves (Effective member, LNEG), Luís Manuel Gonçalves Alves (Effective member, LNEG), Maria Filomena de Jesus Pinto (Substitute, LNEG)
12. **Publication/notification of results:** All the candidates will be notified by e-mail, sent by the call holder, with the selection meeting minutes enclosed.
13. **Deadlines:** This call for applications is open from 01/07/21 to 15/07/2021 .
14. **Application:** Applications should be sent via e-mail to [camsilva@fc.ul.pt](mailto:camsilva@fc.ul.pt), by attaching the following documents:
  - a. Curriculum vitae - **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
  - b. Certificate of completion of previous degree;
  - c. Motivation letter
15. **Time limits for the appeal procedure:** In case of negative decision, the candidates have 10 business days, after the date of announcement of the results of the candidates' evaluation, to pronounce their disagreement in accordance with the *Código do Procedimento Administrativo*. Appeals against the final decision may be submitted to the Administration Board of FCIências.ID ([fciencias.id@fciencias-id.pt](mailto:fciencias.id@fciencias-id.pt)) within 15 business days after the notification date

**Note 1:** The documents that prove the entitlement of the academic qualifications and diplomas, or the proof of registration in the academic degree or diploma requested on the call, can be dismissed during the application period and replaced by a declaration on their honour from the applicant. Their delivery is mandatory during the fellowship contractualization.

**NOTE 2:** Please note that - higher education degrees and diplomas awarded by foreign higher education institutions need to be recognized by a Portuguese higher education institution, pursuant to the [Decree-Law nr. 66/2018](#) (August 16) and the [Ministerial Order nr. 33/2019](#) (January 25). The presentation of the recognition certificate is mandatory for contract signature. More information can be obtained at: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.