

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

### 1 (one) Research Fellowship (BI) for MSc student or BSc enrolled in a non-degree course

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 “Nitric Oxide and Hydrogen Sulfide dual delivery from nanoporous materials”, “2022.05605.PTDC”, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme Programme All Scientific Domains, under the following conditions:

1. **Scientific Area:** Chemistry, Technological Chemistry, Biochemistry, and related fields
2. **Requirements for admission:** The candidate must have completed a degree in Chemistry, or Technological Chemistry, or Biochemistry, or related fields. In addition, candidates must meet the following requirements: have good spoken and written knowledge of Portuguese and English.
3. **Additional optional skills and qualifications:** Work experience in items such as: porous materials / adsorption / electrochemical detection of oxygen, nitric oxide or hydrogen sulfide, is considered beneficial and will count positively in the evaluation. Will be considered positively the intention to develop the Master's thesis in the same scientific area.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in a MSc Program in Portugal, or a non-degree course developed in association or cooperation between a High Education Institution and one or multiple research units (in Portugal).
5. **Work plan:** The general objective of the project is the simultaneous release of nitric oxide and hydrogen sulfide from nanoporous materials. The student will work with volumetric and gravimetric adsorption installations, in a first phase in which it is intended to store nitric oxide and hydrogen sulfide in nanoporous materials. In a second phase of the work it is intended to analyze and quantify the release of these gases in different environments.
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 CQE, Faculty of Sciences of the University of Lisbon under the scientific supervision of Professor João Pires and Professor Fernando Antunes.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in April 2023. The fellowship contract may be potentially renewed for 6 months, 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 € 875,98, 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.

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10. **Evaluation and selection process:** Candidates will be assessed by
- a) Cover letter, with a brief description of the candidate's experience and motivation (10%)
  - b) CV, considering the diploma and previous training, including results of completed course units and the relevance of this training to the project (60%)
  - c) Relevance and suitability of previous research and experience for the work plan (10%)
  - d) Interview (20%)
- Applicants whose application is scored with a final classification of less than 70 points are not eligible for granting a fellowship.
11. **Selection Committee:** João Pires (President); Sílvia Carvalho (effective member); Rita Pacheco (effective member); Moisés Pinto (alternate member); Fernando Antunes (alternate member).
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 02/02/2023 to 18/02/2023 .
14. **Application:** Applications should be sent via e-mail to [jpsilva@ciencias.ulisboa.pt](mailto:jpsilva@ciencias.ulisboa.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. Cover letter, with a brief description of the candidate's experience and motivation.
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 for 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>.