

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

1 (one) Research Fellowship for R&D Initiation (BII) for BSc Student

1 Research Fellowship(s) for R&D Initiation (BII) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution “Centro de Química Estrutural”, “UIDB/00100/2020”, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme strategic program, aligned with the thematic line “Sustainable chemistry for environment, energy and manufacture”, under the following conditions:

1. **Scientific Area:** Chemistry
2. **Requirements for admission:** High school completed.
3. **Additional optional skills and qualifications:** Approval in the UC of Physical Chemistry I. It will be considered positively the intention of developing the UC of project or technological project in the same scientific area.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in Bachelor's in Chemistry or Technological Chemistry in Faculdade de Ciências da Universidade de Lisboa.
5. **Work plan:**
The Fellowship holder will determine by calorimetry the enthalpies of solution of different pharmaceutical active principles (API), such as ibuprofen, nimesulide, amoxicillin, aspirin etc. in different organic solvents and eutectic mixtures. The knowledge of these values will allow a better understanding of the solution process of these compounds, which is fundamental to better comprehend their therapeutic action. The determination of these values combined with the knowledge of solvent descriptors' parameters (already existing in the literature or to be determined in the scope of this work) will also allow the establishment of more robust QSPR (Quantitative Structure-Property Relationships) that will help us to clarify which effects govern the solution process of these APIs.
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 16th 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 12th May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCiências.ID](#)).
7. **Place of work:** The work will be developed at the Centro de Química Estrutural, Polo da Faculdade de Ciências, Universidade de Lisboa, under the scientific supervision of Professor Filomena Martins e Professor Nelson Nunes.
8. **Fellowship duration:** This position is initially opened for 3 months due to start in May 2023. The fellowship contract may be potentially renewed for 3 months.
9. **Monthly allowance:** The fellowship amounts to € 541,12, 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

- a) Quality of the CV: 60%;
- b) Recommendation letter: 20%;
- c) Motivation letter: 20%.

If necessary, an interview will be held with the 3 (three) best candidates. In case of interview, the sum of the evaluations obtained in the evaluation criteria a), b) and c) will correspond to 80% of the final classification and the interview to 20%.

Applicants whose application is scored with a final classification of less than 60 points are not eligible for granting a fellowship.

11. **Selection Committee:** Prof. Filomena Martins (President), Prof. Nelson Nunes (Effective member), Prof. Ruben Leitão (Effective member), Doutor Luís Moreira (Alternate member) and Prof. Luísa Moita (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 11/05/2023 to 24/05/2023 .

14. **Application:** Applications should be sent via e-mail to filomena.martins@ciencias.ulisboa.pt, by attaching the following documents:

- a. Curriculum vitae, if applicable, with an indication of the curricular year, curricular units completed and respective marks;
- b. Certificate of completion of previous degree;
- c. Recommendation letter;
- d. Motivation letter.

15. **Processing of personal data:** FCIências.ID – Associação para a Investigação e Desenvolvimento de Ciências, as the controller under the General Data Protection Regulation, collects and processes the personal data requested in the context indicated in paragraph 14., under the legitimate interests in ensuring the award of the research fellowship to candidates with the indicated profile.

The personal data will be kept for the period necessary for the execution of the purposes for which they are intended, being ensured the processing and protection in an appropriate and diligent way, the confidentiality and integrity of these data, through appropriate technical and organizational measures.

Personal data may be transmitted to third parties, namely the entity funding the research project, solely for the purposes specifically established. In this sense, whenever the transfer of personal data to countries outside the European Union and/or international organizations is necessary, compliance with the applicable legal provisions is ensured.

You have the right to request access, rectification, elimination, limitation of processing, the right to object and also data portability (if technically feasible), through the e-mail address: dpo@fciencias-id.pt. You also have the right to lodge a complaint with the National Data Protection Commission.

For more information, we recommend consulting the Internal Rules of Data Protection of FCIências.ID - Association for Research and Development of Sciences at <https://fciencias-id.pt/>.

16. **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

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

the Administration Board of FCIências.ID (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>.