

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

### 1 (one) Research Fellowship (BI) for a Master 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 “Microcalorimetry and fluorescence nanothermometry in early detection of immune T-cell exhaustion”, “2022.06098.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:** Biochemistry
2. **Requirements for admission:** Master degree in Biochemistry and related fields; working experience in calorimetry, flow cytometry and isolation of PBMC cells.
3. **Additional optional skills and qualifications:** Good spoken and written knowledge of Portuguese and English
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in non-degree course developed in association or cooperation between a High Education Institution and one or multiple research unit.
5. **Work plan:** The overall goal of the project is to test whether heat detects early adaptive responses to biochemical perturbations before cellular function is compromised. The student will perform the experiments on PBMC cells isolated from human donors from the Portuguese Institute of Blood and Transplantation, I.P. These cells will be subjected to environmental stresses to test the working hypothesis. In a second phase, the student will evaluate whether fluorescence nanothermometry is a viable alternative to microcalorimetry to measure heat.
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 Centro de Química Estrutural – CIÊNCIAS ULisboa under the scientific supervision of Professor Fernando José Nunes 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 € 1199,64, 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.

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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 its relevance to the project (45%);
  - c) Relevance and suitability of previous research and experience for the work plan (45%).
- Applicants whose application is scored with a final classification of less than 80 points are not eligible for granting a fellowship.
11. **Selection Committee:** Fernando José Nunes Antunes (President), Carlos Eduardo Sabino Bernardes (Effective Member), Íris Caramalho (Effective Member), Maria Helena Antunes Soares (Alternate Member), Manuel Eduardo Minas da Piedade (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 14/03/2023 to 27/03/2023 .
14. **Application:** Applications should be sent via e-mail to [fantunes@ciencias.ulisboa.pt](mailto:fantunes@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>.