

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

1 Research Fellowship(s) for R&D Initiation (BII) for BSc and/or MSc 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 “Deal with PAINS: strategies to identify membrane modulators”, PTDC/BIA-BFS/28419/2017, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme in All Scientific Domains), under the following conditions:

1. **Scientific Area:** Computational Biochemistry
2. **Requirements for admission:** High-school degree in Natural Sciences.
3. **Additional optional skills and qualifications:** Previous experience in structural biochemistry or biology (molecular docking and molecular dynamics); previous experience in the analysis of computational simulations of relevant biological systems with therapeutic application; participation and presentation of previously developed works in national and international congresses or workshops. Preference will be given to students with a degree and enrolment in a MSc in Medicinal Chemistry, Biology, Biochemistry and related areas.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in BSc and/or MSc in Medicinal Chemistry, Biology, Biochemistry and related areas.
5. **Work plan:** Develop work under the scope of the project entitled “Deal with PAINS: strategies to identify membrane modulators”, focusing on the evaluation of the perturbation effect of a selected database of compounds with different physicochemical properties.
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 Group “Chemistry for Biological Systems” from BioISI – Biosystems and Integrative Sciences, from the Faculty of Sciences, University of Lisbon under the scientific supervision of Professor Bruno Lourenço da Silva Victor.
8. **Fellowship duration:** This position is initially opened for 6 (six) months due to start in March 2022. The fellowship contract may be potentially renewed for 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 € 446,12 ,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

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10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV from 0 to 100% and the suitability of the candidate's profile according to the tasks defined in the workplan. The preferential requirements described above will be evaluated correspondingly to the previous experience of the candidate in the use of computational methods (35%), previous experience in using molecular docking and molecular dynamics to assess the stability of small organic compounds when interacting with relevant biological targets (35%), and the relevance of publications (articles and conferences acta) in the area of research of the fellowship (30%). Only candidates with a curricular evaluation above 70% (out of 100%) will be considered. If no candidates with this minimal evaluation grade apply, the fellowship may not be awarded. If deemed convenient, and the jury considers it necessary, selection interviews will be held. In this case, the curricular evaluation will correspond to 75% and the interview to 25% of the final grade.
11. **Selection Committee:** Doctor Bruno Lourenço da Silva Victor (President), Doctor Miguel Ângelo dos Santos Machuqueiro (1^o Member) and Doctor Paulo Jorge Ferreira de Matos Costa (2.^o Member). The substitute member of the jury will be Doctor Pedro Rafael Magalhães.
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 02/02/22 to 15/02/2022 .
14. **Application:** Applications should be sent via e-mail to blvictor@fc.ul.pt, by attaching the following documents:
- Curriculum vitae - **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
 - Certificate of completion of previous degree;
 - 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) 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>.