

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

### 1 Research Fellowship for MSc Holder Enrolled in an 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 “DENSUMIPE - Development of novel nucleotide and sugar diphosphate mimetics as potential antibacterial agents targeting the peptidoglycan biosynthetic pathway” / Centro de Química Estrutural, EXPL/MED-QUI/1017/2021, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme Call for SR&TD Projects in All Scientific Domains, under the following conditions:

1. **Scientific Area:** Organic Chemistry – Medicinal Chemistry
2. **Requirements for admission:** BSc and MSc Degree in Chemistry, MSc Dissertation carried out in the area of Organic Chemistry; BSc Degree in Chemistry.
3. **Additional optional skills and qualifications:** Research experience in Organic Chemistry applied to Medicinal Chemistry, research experience in carbohydrate / nucleoside synthesis, research experience in antibacterial evaluation assays of organic compounds.
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 units.
5. **Work plan:** synthesis of new nucleoside derivatives and nucleotide and sugar diphosphate mimetics aiming at developing new potential antibacterial agents. The research fellow will also participate in the assays of biological evaluation of the synthesized compounds.
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, Faculdade de Ciências, Universidade de Lisboa under the scientific supervision of Professor Nuno Manuel Ribeiro Martins Xavier.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in September 2022. The fellowship contract may be potentially renewed for 1 month, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.

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9. **Monthly allowance:** The fellowship amounts to € 1144,64 ,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.

10. **Evaluation and selection process:** Assessment will be based on the candidate's curricular evaluation and evaluation criteria and values assigned to each criterion are the following:

- Classification in the Master's Dissertation (1 to 4 values);
- Classification in curricular units in the areas of Organic Chemistry and Carbohydrate Chemistry (1 to 3 values);
- Research experience in carbohydrate/nucleoside organic synthesis (0 to 4 values);
- Research experience in Organic Chemistry applied to Medicinal Chemistry (0 to 3 values);
- Experience in biological evaluation assays of organic compounds (0 to 3 values);
- Communications in scientific congresses (0 to 3 values).

If equally scored top-ranked candidates arise from the curricular evaluation, an interview will be made to those candidates (0 to 5 values). The obtained final classification corresponds to the sum of the values obtained in the evaluation criteria in the curricular evaluation, or, in the case of an interview is made, to the weighted average between the curricular evaluation (80%) and the interview (20%).

Applicants whose application is scored with a final classification of less than 10 points are not eligible for granting a fellowship.

11. **Selection Committee:** Dr. Nuno Manuel Ribeiro Martins Xavier (President of the jury), Dr. Ana Marta de Jesus Gomes de Matos, Dr. Paulo Jorge Ferreira de Matos Costa (members), Dr. Jaime Alfredo da Silva Coelho and Dr. Tânia Sofia Ferreira Morais (alternate members).

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 08/08/22 to 26/08/2022 .

14. **Application:** Applications should be sent via e-mail to [nmxavier@fc.ul.pt](mailto:nmxavier@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;
- Other documents considered relevant considering the evaluation criteria (certificates containing the marks achieved in MSc and BSc curricular units, copies of conference abstracts, among others).

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

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**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>.