

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

### 1 Research Fellowship (BI) for a PhD Student

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 Spartalysis (Exploring new chemical space powered by the functionalization of natural bisquinolizidine alkaloids)/Centro de Química Estrutural, PTDC/QUI-QOR/1786/2021, financed by national funds by FCT / MCTES (PIDDAC) under the programme All Scientific Domains, under the following conditions:

1. **Scientific Area:** Organic Chemistry
2. **Requirements for admission:** Master degree in Chemistry or equivalent or Master's degree in a relevant subject.
3. **Additional optional skills and qualifications:** Strong theoretical knowledge in the field of synthetic organic chemistry. Practical experience in preparative laboratory techniques (e.g., inert atmosphere techniques, cryogenic reactions, electrochemical reactions) and analytical methods (e.g., LC, GC; GC-MS, HPLC, NMR spectroscopy, and mass spectrometry). Willingness to acquire skills in computational chemistry. Excellent teamwork and communication skills in English.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in a Doctoral program.
5. **Work plan:** The project aims to design and synthesize novel bisquinolizidine alkaloid derivatives and test them as asymmetric organocatalysts, and evaluate their biological activity.
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, Faculty of Sciences, University of Lisbon under the scientific supervision of Professor Jaime A. S. Coelho.
8. **Fellowship duration:** This position is initially opened for 6 months due to start on February 2022. The fellowship contract may be potentially renewed for 36 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 € 1104,64 ,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 the quality of their CV (50%), interview (35%) and letter of motivation (15%).
11. **Selection Committee:** Jaime A. S. Coelho (President of the jury), Carlos A. M. Afonso (member), Nuno F. R. Candeias (member), Ana Marta de Matos (substitute member of the jury).
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 18/01/22 to 01/02/2022 .
14. **Application:** Applications should be sent via e-mail to [jacoelho@fc.ul.pt](mailto:jacoelho@fc.ul.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. and other documents considered relevant
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>.