

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 Centro de Química Estrutural, CQE@Ciências, Institute of Molecular Sciences, UIDB/00100/2020, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC), under the following conditions:

1. **Scientific Area:** Physical Organic Chemistry
2. **Requirements for admission:** The candidate must have a Master degree in Chemistry or related fields, as well as relevant laboratorial experience in organic synthesis.
3. **Additional optional skills and qualifications:** Relevant knowledge in the synthesis of macrocyclic compounds (calixarenes); Relevant domain of the spectroscopic techniques UV-Vis absorption, Fluorescence, NMR.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in a PhD.
5. **Work plan:** The candidate will perform the following tasks: i) synthesis and characterisation of new homooxacalixarene receptors, including their conformational analysis; ii) determination of their binding properties towards relevant cations (transition, heavy metal and lanthanide) and anions (such as F⁻, Cl⁻, I⁻, NO₃⁻, HSO₄⁻, ClO₄⁻) in biological and environmental areas; iii) use of spectroscopic techniques, such as UV-Vis, Fluorescence and NMR.
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](https://www.fciencias.id/regulamento)).
7. **Place of work:** The work will be developed at the Centro de Química Estrutural, Faculdade de Ciências da Universidade de Lisboa, Edifício C8, Campo Grande, 1749-016 Lisboa under the scientific supervision of Professor Paula M. Marcos.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in October 2022.
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

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

10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV including the MSc final grade (60 %) and the relevance of previous experience in the above-mentioned fields (40 %). If the Jury chooses to carry out a selection interview, the final evaluation will be as follows: 70 % for the curriculum evaluation and 30 % for the interview.
11. **Selection Committee:** Paula Maria Marcos (President), José do Rosário Ascenso (Effective Member), Maria Paula Robalo (Effective Member); Mário Nuno Berberan Santos (Supplement 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 14/06/22 to 29/06/2022 .
14. **Application:** Applications should be sent via e-mail to pmmarcos@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>.