

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

### 9 (nine) Research Fellowships for R&D Initiation (BII) for a Master Students

9 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 “Centro de Química Estrutural - Polo Ciências”, “UIDP/00100/2020”, “DOI: <https://doi.org/10.54499/UIDP/00100/2020>”, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme Strategic Program, under the following conditions:

1. **Scientific Area:** Chemistry and Biochemistry
2. **Requirements for admission:** Bachelor degree in Chemistry, Biochemistry, or similar.
3. **Additional optional skills and qualifications:** Candidates with research experience (more than 6 months) in a laboratory context, specifically in the “scientific domains” indicated in the work plan, preferably in the 2nd year of the master's degree.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in Master's degree in Chemistry or Master's degree in Biochemistry and Biomedicine, from the Faculty of Sciences of the University of Lisbon.
5. **Work plan:** The Research Fellowships for R&D Initiation (BII) proposed by the Center for Structural Chemistry (CQE) - Polo Ciências, aim to promote better integration and greater scientific involvement of young researchers in the research activities of this unit, through the development of research projects within the current thematic lines of the CQE, in the following “scientific domains”:
  - Modification of zeolitic structures with a view to their application as catalysts in reactions of industrial interest;
  - Magnetic activated carbons for more sustainable drinking water purification processes;
  - Electrosynthesis of bifunctional copolymers with adhesive and conductive properties;
  - Synthesis of new guanidino nucleosides with potential therapeutic interest;
  - Nanoparticles from natural products: Exploring the potential for application in health and well-being;
  - Conductive polymers in the anti-Corrosion protection of museum artefacts against corrosion;
  - CO2 conversion with supramolecular structures;
  - Development of innovative analytical methodologies for trace analysis of pyrethroid pesticides in aqueous matrices;
  - Early detection of T lymphocyte exhaustion by microcalorimetry.The work to be carried out includes the monitoring of researchers from CQE - Polo Ciências who will be involved in the various experimental activities, namely supervision, data collection, analysis and dissemination of the results obtained, thus consolidating the scientific independence of the candidates.
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](https://www.fciencias.id/regulamento-de-bolsas-de-investigacao-cientifica-da-fciencias.id)).
7. **Place of work:** The work will be developed at the Center for Structural Chemistry (CQE) - Polo Ciências under the scientific supervision of an integrated member of the Center for Structural Chemistry (CQE).
8. **Fellowship duration:** This position is initially opened for 5 months due to start in July 2024.

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9. **Monthly allowance:** The fellowship amounts to €601,12, 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.

10. **Evaluation and selection process:** Candidates will be assessed by A) curricular assessment - 50%; B) experience in the “scientific domains” indicated in the work plan - 30%; C) scientific communications - 10%; D) motivation letter, with an indication of the “scientific domain” intend to study - 10%). If necessary, an interview will be carried out with the 15 (fifteen) best candidates. If there is an interview, the sum of the evaluations obtained (A - D) will correspond to 80% of the final evaluation and the interview to 20%.

Applicants whose application is scored with a final classification of less than 60 points are not eligible for granting a fellowship.

11. **Selection Committee:** Prof. Dr. Ana Paula P. Paiva (president); Prof. Dr. Maria Soledade C.C.S. Santos (effective member); Prof. Dr. Ana Isabel A. Coutinho (effective member); Prof. Dr. Filomena Elisabete L.M.E. Leitão (alternate member); Prof. Dr. João Manuel P. Silva (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 28/05/2024 to 12/06/2024 .

14. **Application:** Applications should be sent via e-mail to [appaiva@ciencias.ulisboa.pt](mailto:appaiva@ciencias.ulisboa.pt), by attaching the following documents:

- a. Curriculum vitae, with the mandatory inclusion of the degrees obtained and/or to be attended, curricular units, respective grades;
- b. Certificate of completion of previous degree <sup>Note 1, 2</sup>;
- c. Motivation letter, with an indication of the “scientific domain” intend to study.

15. **Processing of personal data:** FCIências.ID – Associação para a Investigação e Desenvolvimento de Ciências, as the controller under the General Data Protection Regulation, collects and processes the personal data requested in the context indicated in paragraph 14., under the legitimate interests in ensuring the award of the research fellowship to candidates with the indicated profile.

The personal data will be kept for the period necessary for the execution of the purposes for which they are intended, being ensured the processing and protection in an appropriate and diligent way, the confidentiality and integrity of these data, through appropriate technical and organizational measures.

Personal data may be transmitted to third parties, namely the entity funding the research project, solely for the purposes specifically established. In this sense, whenever the transfer of personal data to countries outside the European Union and/or international organizations is necessary, compliance with the applicable legal provisions is ensured.

You have the right to request access, rectification, elimination, limitation of processing, the right to object and also data portability (if technically feasible), through the e-mail address: [dpo@fciencias-id.pt](mailto:dpo@fciencias-id.pt). You also have the right to lodge a complaint with the National Data Protection Commission.

For more information, we recommend consulting the Internal Rules of Data Protection of FCIências.ID - Association for Research and Development of Sciences at <https://fciencias-id.pt/>.

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16. **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 can be dismissed during the application period and replaced by a declaration on their honour from the applicant ([Minuta PT](#), [Minute EN](#)). 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>.