

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

### 1 Research fellowship for a PhD Student

1 Research Fellowship(s) (BI) for a PhD student is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution “ILGerants - New Ionic Liquids Based Mixtures for Absorption Refrigeration”, “PTDC/EQU-EQU/32066/2017” and “LISBOA-01-0145-FEDER-032066”, financed by national funds by FCT / MCTES (PIDDAC) under the programme Call for SR&TD Projects in all Scientific Domains – 2017, and co-financed by the European Regional Development Fund (ERDF), through the Regional Operational Programme of Lisboa, of Portugal 2020, or other future programmes that may succeed it,, under the following conditions:

1. **Scientific Area:** Technological Chemistry
2. **Requirements for admission:** Bachelor or Master degree in Technological Chemistry; immediate availability.
3. **Additional optional skills and qualifications:** Experience in the area of determination of thermodynamic properties of aqueous mixtures and/or based on ionic liquids.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in PhD programme.
5. **Work plan:** Determination of thermodynamic properties and their derived properties of aqueous mixtures based on ionic liquids such as: density, speed of sound, enthalpy and surface tension at different temperatures. Writing of scientific publications.
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 of the Faculty of Sciences of the University of Lisbon, under the scientific supervision of Professor Ana Cristino.
8. **Fellowship duration:** This position is initially opened for 6 months and will begin on September 2021. The fellowship contract may be potentially renewed for 4 months or 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 € 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 according to the following criteria: a) Scientific evaluation – 50%, b) Experience in the different areas encompassed by the research project, namely: b1) Determination of thermodynamic properties of fluid mixtures and their derived properties – 25%; b2) Knowledge and basic understanding on ionic liquids – 10% and . If necessary, the jury will conduct an interview with the 3 candidates with the highest classification, with a weight of 15%.
11. Selection Committee: Professor Fernando José Vieira dos Santos (President), Dr Ana Filipa Russo de Albuquerque Cristino (1st Member), Dr Xavier Paredes (2nd Member) and Doutora Carla Queirós (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 04/08/21 to 17/08/2021 .
14. **Application:** Applications should be sent via e-mail to [fjsantos@fc.ul.pt](mailto:fjsantos@fc.ul.pt), by attaching the following documents:
  - a. Curriculum vitae - **must provide the CV through the [CIÊNCIAVITAE](#) system;**
  - b. Certificate of completion of previous degree.
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>.