

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

2 (two) Research fellowships for MSc Student Ref.: 937.2 – 2 BI EM AlpALS

2 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 “AlpALS – Advanced learning models using Patient profiles and disease progression patterns for prognostic prediction in ALS”, “PTDC/CCI-CIF/4613/2020”, financed by Fundação para a Ciência e a Tecnologia, I.P./MCTES under national funds (PIDDAC), under the following conditions:

1. **Scientific Area:** Informatics/Data Science.
2. **Requirements for admission:** BSc or MSc concluded.
3. **Additional optional skills and qualifications:** Background in Data Science. Research experience in machine learning, in particular unsupervised learning and/or deep learning.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in MSc in Informatics/Data Science or, if holders of a master's degree, enrolled in non-academic degree courses.
5. **Work plan:** Candidates will work on the tasks "T4 - Learning Patient Profiles" and "T5 - Learning Disease Progression Patterns" having as objectives 1) the study and implementation of unsupervised approaches for the stratification of patients and learning of specific prognostic models by patient group; and 2) the study and implementation of supervised approaches based on deep learning to predict different clinical endpoints based on patients' clinical history/temporal data.
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>), and FCiências.ID Fellowship Regulation, as approved on 12th May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCiências.ID](#)).
7. **Place of work:** The work will be developed at LASIGE, Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor Sara C. Madeira.
8. **Fellowship duration:** This position is initially opened for 3 months and will begin on October 2021. The fellowship contract may be potentially renewed 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 € 835,98 ,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*.

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The fellowship will be paid monthly by bank transfer.

10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV 100%.
11. **Selection Committee:** Chair: Sara C. Madeira; Members: Helena Aidos, Nuno Garcia; Replacement Members: André Falcão, Cátia Pesquita.
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 01/10/21 to 14/10/2021 .
14. **Application:** Applications should be sent via e-mail to lasige-candidaturas@listas.di.ciencias.ulisboa.pt, with the subject: 937.2 – 2 BI EM AlpALS, by attaching the following documents:
 - a. Curriculum vitae - **CV may be provided in PDF or through [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) 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>.