

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

1 (one) Research fellowship for MSc Student

Ref.ª 893.3-1BI-EM-BRAINTEASER

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 BRAINTEASER-Bringing Artificial INTElligence home for a better cAre of amyotrophic lateral sclerosis and multiple, reference H2020-SC1-DTH-101017598, financed by European Union's H2020 research and innovation programme under Grant Agreement no. 101017598, under the following conditions:

1. **Scientific Area:** Computer Science/Data Science
2. **Requirements for admission:** BSc in Information Technologies/Informatics
3. **Additional optional skills and qualifications:** Attending MSc's degree in Data Science. Research experience in machine learning, in particular in deep learning, Python and GPU programming, Scikit-Learn, Pytorch and Keras
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in MSc studies.
5. **Work plan:** The candidate will work in workpackages "WP6 - AI models of patient stratification", "WP5 – AI models for disease monitoring" and "WP7 – AI models for disease progression" and perform the following tasks: 1) review of the state of the art in the area of (deep) temporal phenotyping, with emphasis on ALS and MS; 2) development of new methods for deep temporal phenotyping from longitudinal clinical data analysis for disease monitoring and disease progression incorporation patient stratification; and 3) application to ALS and MS.
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](#)).
7. **Place of work:** The work will be developed at the LASIGE of 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 6 months and will begin on July 2021. The fellowship contract may be potentially renewed for 6-month periods until the end of the project months, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P. and FCiências.ID Fellowship Regulation.
9. **Monthly allowance:** The fellowship amounts to € 835,98 €, according to [table values](#) of the FCiências.ID Fellowship Regulation. 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 Madeira; Effective Members: Helena Aidos, Cátia Pesquita; Replacement Members: André Falcão, Tiago Guerreiro
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 24/06/2021 to 07/07/2021 .
14. **Application:** Applications should be sent via e-mail to lasige-candidaturas@listas.di.ciencias.ulisboa.pt, with the subject: 893.3-1BI-EM-BRAINTEASER, by attaching the following documents:
 - a. Curriculum vitae – **The CV may be provided in pdf format or through the CIÊNCIAVITAE system;**
 - b. Certificate of completion of previous degree;
 - c. 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>.

