

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

### 1 (one) Research fellowship for R&D Initiation (BII) for BSc Student

Ref.: 1010.4 – 1 BII DL-CADET

1 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 “Deep multimodal Learning for breast Cancer DETection”, “EXPL/CCI-COM/0656/2021”, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme Programme All Scientific Domains, under the following conditions:

1. **Scientific Area:** Deep Learning and Computer Vision.
2. **Requirements for admission:** Completed High School.
3. **Additional optional skills and qualifications:** Experience with machine learning. Student at the Faculty of Sciences of the University of Lisbon.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in B.Sc. in Biomedical Engineering and Biophysics or equivalent.
5. **Work plan:** The workplan comprises the following goals and tasks: 1) Develop a pre-processing pipeline for the Ultrasound dataset 2) Implement a classification and segmentation pipeline using an existing deep learning model 3) Compare with literature and inspect the failure cases. 4) Write a report.
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 IBEB, Faculty of Sciences of the University of Lisbon under the scientific supervision of Professor Nuno Matela.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in April 2023. The fellowship contract may be potentially renewed for 6 months, 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 € 541,12, 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 CV (100%). If necessary, an interview will be carried out with the 3 (three) best candidates. If there is an interview, the evaluation will be as follows: CV (70%) and Interview (30%). Applicants whose application is scored with a final classification of less than 75 points are not eligible for granting a fellowship.

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11. **Selection Committee:** President of the jury: Nuno Matela; Members: Hugo Ferreira, Nuno Garcia; Alternate members: Helena Aidos, Ana Gouveia.
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 21/03/2023 to 03/04/2023 .
14. **Application:** Applications should be sent via e-mail to [lasige-candidaturas@listas.di.ciencias.ulisboa.pt](mailto:lasige-candidaturas@listas.di.ciencias.ulisboa.pt), indicating - otherwise they will not be considered eligible - in the "Subject": Ref. 1010.4 - 1 BII DL-CADET, by attaching the following documents:
  - a. Curriculum vitae - **CV may be provided in PDF or 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 candidate's 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>.