

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

1 (one) Research Fellowship (BI) for PhD student

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 “Impact of Dominance and Gene flow on Adaptation”, “DOFLOW”, funded by the FCT ao abrigo do Regulamento nº 788/2023 – Regulamento de Apoios Especiais da FCT (Artigo 9º) – Menção de apoio, under the following conditions:

1. **Scientific Area:** Evolutionary Genetics
2. **Admission requirements:** The candidate needs to hold a Master degree in Evolutionary Biology, with experience in laboratory work with cell cultures, and processing and analysis of transcriptomic and proteomic data.
3. **Additional optional skills and qualifications:** Experience in analysis and processing of transcriptomic and proteomic data and methods to detect natural selection in species of freshwater fish, demonstrated in scientific articles and/or thesis and/or presentations at conferences and/or participation in scientific projects. Demonstrated experience with fibroblast cell cultures of freshwater fish. Accreditation in laboratory animal science to perform scientific procedures with animals. Experience with molecular biology methods, including DNA, RNA and protein extraction.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in Doctoral programme in Biology or related areas.
5. **Work plan:** Perform laboratory experiment exposing cell cultures of fibroblasts derived from fin clips to different temperatures, comparing with experiment done with adult fish maintained under controlled conditions at different temperatures in the fish facility. Extract RNA and proteins from cell cultures and animal tissues. Maintenance of fibroblast cell cultures derived from fin clips. Maintenance of animals in fish tank facility. Process and analyse transcriptomic and proteomic data from freshwater fish species (e.g., filter, mapping) to detect genes and proteins differentially expressed under different experimental conditions, and detect genes under the effect of natural selection both in cell lines and tissues.
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 the CE3C – Center for Ecology, Evolution and Environmental Changes, Ciências – Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor Vítor Martins Conde e Sousa.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in December 2024. The fellowship contract may be potentially renewed for 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 € 1259,64, 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 CV (80%), motivation letter (20%). If considered necessary, the jury can select the three (3) best candidates for an interview. In that case the interview will weight 30%, with the remaining 70% of the weight for the CV and motivation letter. Applicants whose application is scored with a final classification of less than 80 points are not eligible for granting a fellowship.

11. **Selection Committee:** President of jury: Prof. Vítor Sousa; Effective members: Dr. Alexandre Blanckaert, Prof. Inês Fragata; Alternative members: Prof. Patrícia Beldade, Dr. Bruno Nevado.

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 22/10/2024 to 05/11/2024 .

14. **Application:** Applications should be sent via e-mail to vmsousa@ciencias.ulisboa.pt, by attaching the following documents:

- a. Curriculum vitae;
- b. Certificate of completion of previous degree ^{Note 1, 2;}
- c. Motivation letter (in English);
- d. Other documents considered relevant.

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. 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/>.

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) 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.

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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>.