

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

1 Post-Doctoral Research Fellowship

1 Post-doctoral Fellowship is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution “MultiE: Phenotypic plasticity in multifactorial environments / cE3c”, Ref. “PTDC/BIA-EVL/0321/2021”, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme All Scientific Domains, under the following conditions:

1. **Scientific Area:** Evolutionary Biology
2. **Requirements for admission:** The awardee must have: 1) Ph.D. in Biological Sciences, awarded less than 3 years ago. 2) Lead authorship in at least one published peer-reviewed scientific paper. 3) Proficient use of English (written and spoken). 4) Experience working with insects and with basic wet-lab techniques.
3. **Additional optional skills and qualifications:** Preference will be given to candidates with: 1) Demonstrated research experience in the fields of Evolutionary Biology, Genetics, Molecular Biology, Microbiology, and/or Developmental Biology. 2) Experience working with captive butterflies and/or *Drosophila* species. 3) Experience with data analysis, including of genomics/transcriptomics datasets and genome-wide association studies. 4) Experience writing papers and presenting work in international congresses. 5) Experience in analysis of gene expression (spatial patterns and quantitative levels).
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas.
5. **Work plan:** The post-doctoral fellow will work together a multi-member team, with local members and international collaborators, to characterize and quantify effects of multifactorial environments on phenotypic plasticity. The project uses two complementary insect models of thermal plasticity, *Bicyclus* butterflies and *Drosophila* flies, and focuses on effects of temperature on phenotype expression. Experiments on *B. anynana* will dissect the mechanisms behind effects of developmental and adult temperature on the ability of organisms to cope with bacterial infection, testing bacterial proliferation within hosts (task 1) and host gene expression (task 2). Experiments on *D. melanogaster* will investigate effects of temperature and nutrition on the development of different traits in a panel of fully sequenced populations, including some naturally infected with a bacterial endosymbiont, to assess how much plasticity varies with host genotype and presence of endosymbiont (task 3), and asking about the genetic bases of that variation (task 4).
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](https://www.fciencias.id/regulamento-de-bolsas-de-investigacao-cientifica-da-fciencias.id)).
7. **Place of work:** The work will be developed at the cE3c - FCUL under the scientific supervision of Professor Patrícia Beldade.

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8. **Fellowship duration:** This position is initially opened for 6 months due to start in September 2022. The fellowship contract may be potentially renewed for up to 30 more 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 € 1686 ,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 the quality of their CV (50% weight) and motivation letter (30% weight) and paper selection (20%). The jury may eventually decide to interview the three best ranked candidates in criteria a) to c), for clarifications and improved explanations of curricular elements. If there is an interview, the sum of the classification obtained in the evaluation criteria a) to c) will correspond to 90% of the final classification and the interview will correspond to 10%.. Applicants whose application is scored with a final classification of less than 60% points are not eligible for granting a fellowship.
11. **Selection Committee:** the composition of the jury: Patrícia Beldade (president of the jury), Ana Rita Garizo, and Roberto Keller. Joel Laia and Vítor Sousa will serve as alternate members of the jury
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 08/07/22 to 04/08/2022 .
14. **Application:** Applications should be sent via e-mail to pbeldade@fc.ul.pt, in a single pdf file with the subject of the e-mail being "MultiE_BPD_ApelidoN" (substituting "Apelido" by the last name and "N" by the first name initial), by attaching the following documents:
- Curriculum vitae - **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
 - Certificate of completion of previous degree;
 - Motivation letter,
 - PDFs of up to three of the candidate's papers, and a document with a one-paragraph text for each of the selected papers explaining what they refer to and why they were chosen.
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

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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>.