

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

### 1 Post Doctoral Research Fellowship (BIPD)

1 Post Doctoral Research Fellowship(s) (BIPD) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution Biochip microfluídica para deteção de biomarcadores de stress em videiras e uvas (VineSense), BIOISI, PTDC/BAA-DIG/4735/2020, financed by 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:** Plant Molecular Biology.
2. **Requirements for admission:** Portuguese nationals, foreign and stateless persons may submit applications to this selection procedure, provided they hold a doctoral degree in Plant Molecular Biology, with demonstrated scientific experience in molecular biology of woody plants.  
The BIPD fellowship can only be granted if the following requirements are cumulatively met:
  - a) The PhD degree has been obtained in the three years prior to the date of submission of the application for the fellowship;
  - b) Post-doctoral research is carried out in a different host entity from the one where the research work that led to the attribution of PhD degree was carried out;
  - c) Research activities do not require post-doctoral experience;
  - d) Research activities have a development and execution period equal to or less than three years;
  - e) The fellowship holder does not exceed, with the signing of the fellowship contract in question, including possible renewals, an accumulated period of three years in this type of fellowship, consecutive or interpolated.
3. **Additional optional skills and qualifications:** (1) Experience in RNA extraction of grapevine organs and gene expression analysis by qPCR; (2) Experience in grapevine pathogenesis, namely, performing controlled fungal infections; (3) Bioinformatics knowledge, namely in RNAseq analysis, multivariate analysis, in silico analysis; (4) Experience in GC-MS analysis and its data management; (5) Experience in team working in multidisciplinary projects; (6) Fluency in English (spoken and written); (7) Immediate availability; (8) PhD in Biology, Biotechnology or related obtained at least 6 months ago. (9) Experience with sampling in the vineyards and microscopical analysis.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas.
5. **Work plan:** To perform experiments in grapevines in the field, submitted to drought and/or fungal infections. Microscopic observation of the samples. RNA extraction from grapevine organs. Analysis of RNAseq data. qPCR of genes involved in abiotic and biotic stress response. Metabolite quantification of the same samples by GC-MS. Writing of Research article.
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>), 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](#)).

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7. **Place of work:** The work will be developed at the FCUL, Departamento de Biologia Vegetal under the scientific supervision of Professor Ana Margarida Fortes.
8. **Fellowship duration:** This position is initially opened for 6 months and will begin on November 2021. The fellowship contract may be potentially renewed for 12 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 € 1646,00 ,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:** Evaluation of the relative merit of candidates, will rely on the following criteria: a) Participation in relevant scientific projects in the molecular biology and plant functional genomics area - 10%; b) Scientific publications in the area - 75 %; c) Pedagogical and outreach activities, particularly in the context of promoting scientific practices, organization of courses, seminars and conferences, in the area - 5 %; d) Assessment of the references provided by the candidate - 10 %. If the jury chooses to carry out the selection interview, it will be carried out to the two candidates with the best classification in the curriculum evaluation. If the selection interview is carried out, the final evaluation will be obtained taking into account the following considerations: a) 5%; b) 70 %; c) 5%; d) 10% e) Interview - 10%.
11. **Selection Committee:** President – Ana Margarida Fortes, Professora Auxiliar; 1st Member of the jury - Hernâni Gerós, Professor Associado com Agregação; 2nd Member of the jury – Anabela Bernardes da Silva, Professora Auxiliar, substitute member- Researcher Susana Serrazina
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 02/11/21 to 18/11/2021 .
14. **Application:** Applications should be sent via e-mail to [amfortes@fc.ul.pt](mailto:amfortes@fc.ul.pt), by attaching the following documents:
- Curriculum vitae - **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
  - Certificate of completion of previous degree;
  - 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](mailto: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>.