

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

1 Research Fellowship(s) (BI) for a MSc degree holders enrolled in non-degree courses

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 “BerryPlastid - Biosíntese de compostos secundários no bago de uva: estudo do papel do plastídeo/BIOISI”, PTDC/BIA-FBT/28165/2017, 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:** Plant Molecular Biology

2. **Requirements for admission:** Proven experience in plant molecular biology.

The candidate must also have:

- (1) a Master's degree in an area related to Plant Biology;
- (2) proven experience in tomato plant molecular biology;
- (3) experience in teamwork in the context of multidisciplinary projects;
- (4) good knowledge of the English language (oral and written);
- (5) immediate availability;
- (6) Master's degree average equal to or greater than 17 values out of 20.
- (7) a Master degree and be enrolled in a non-degree course.
- (8) knowledge of the R programming language.

3. **Additional optional skills and qualifications:** Experience in analyzing tomato fruit quality (e.g: carotenoids) and ripening parameters (e.g.: genes related to hormonal metabolism).

4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in non-degree course developed in a higher education institution in association or cooperation with at least one R&D unit.

5. **Work plan:** 1- RNA extraction from transgenic tomato fruit samples (overexpressing a transporter) and quantitative PCR of genes involved in several biosynthetic pathways related to quality and ripening;

2- Analysis of the quality of tomato fruits from transgenic tomato plants (carotenoid content, texture, among others);

3- DNA extraction from tomato fruits of transgenic tomato plants.

4- Bioinformatics analysis of chloroplastic proteins' sequencing results from berries at different stages of ripening (R (programming language), Linux command line, and GraphPad Prism).

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)).

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7. **Place of work:** The work will be developed at the FCUL, department of Biologia Vegetal under the scientific supervision of Professor Ana Margarida Fortes.
8. **Fellowship duration:** This position is initially opened for 5 months due to start in May 2022. The fellowship contract may be potentially renewed 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 € 1144,64 ,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
10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV and following aspects:
- a) Participation in relevant scientific projects in the area of Molecular Biology and Plant Genomics – 10%;
 - b) Master thesis and its adequacy to the project – 30%;
 - c) Publications, oral communications, posters - 30%
 - d) Pedagogical, extension and knowledge dissemination activities, namely in the context of the promotion of scientific practices, organization of courses, seminars and conferences for the promotion and dissemination of the area of Plant Biology - 5%;
 - e) Appreciation of the references given by the candidate - 15%.
 - f) Motivation Letter – 10%
 - g) Interview to the 3 first candidates – in this case the CV will be worth 60%, references and motivation letter 20% and the interview 20%.
11. **Selection Committee:** President of the Jury - Ana Margarida Fortes, Assistant Professor; 1st Member Hernâni Gerós, Associate Professor with Aggregation; 2nd Member – Susana Serrazina, Contract Researcher. Substitute Member – Mónica Sebastiana, Contract Researcher.
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 05/04/22 to 20/04/2022 .
14. **Application:** Applications should be sent via e-mail to amfortes@fc.ul.pt, 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;
 - 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

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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>.