

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

### 1 (one) Research Fellowship (BI) for Master Student

1 Research Fellowship(s) (BI) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project “Blue Bioeconomy Pact - Ref. C644915664-00000026”, financed by Notice n.º 02/C05-i01/2022 regarding the development of projects within the scope of the Mobilizing Agendas for Business Innovation, framed and financed under component n.º 5 - Capitalization and Business Innovation of the Recovery and Resilience in Portugal, under the following conditions:

1. **Scientific Area:** Biology, Marine Sciences, Biochemistry, Biotechnology or related scientific areas
2. **Requirements for admission:**
  1. Bachelor degree in Biology, Biochemistry, Marine Sciences, Biotechnology, or related area;
  2. Knowledge of methods for cultivating microalgae or other microorganisms on a laboratory scale;
  3. Knowledge on microalgae diversity;
  4. Knowledge of basic microbiology techniques (e.g.: preparation and sterilization of media, culture transfer, cell counting).All information must be provided in the CV.
3. **Additional optional skills and qualifications:**
  - a) Experience in microalgae cultivation;
  - b) Training in the isolation of microalgae or other microorganisms, by microscopy or other techniques (e.g. flow cytometry);
  - c) Training in the preparation and analysis of biological samples;
  - d) Training in molecular techniques, particularly in the area of omics;
  - e) Training in algae taxonomy;
  - f) Training in marine ecology;
  - g) Curriculum part of the Master's degree already completed.
  - h) Knowledge of Portuguese and English (written and spoken);All information must be provided in the CV.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in Master in Biology, Biochemistry, Marine Sciences, Biotechnology, or related area.
5. **Work plan:**

The aim of the work will be to characterize the communities of epiphytic diatoms in thalli of *Porphyra* spp. and their possible impact on the production of these macroalgae in aquaculture.

Taxonomic characterization will be carried out and the temporal variation of communities will be studied using classical microscopy methodologies, molecular methods and laboratory cultivation. The work is included in sub-task SP1c of the project and will be developed as the Master research project of the candidate.

The work plan includes the following tasks:

  1. Washing and sterilization of material;
  2. Preparation and sterilization of culture media;
  3. Study of the temporal dynamics of epiphytic diatom communities in *Porphyra*;
  4. Isolation and cultivation of new diatom strains;
  5. Taxonomic identification of isolates using molecular methods and optical and electron microscopy;
  6. Culture maintenance;
  7. Carrying out laboratory experiments;
  8. Analysis and treatment of results;

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

9. Participation in project meetings and subsequent actions;
10. Participation in writing the project's technical reports;
11. Publication of results in scientific journals with peer-review and other means;
12. Participation in project dissemination and communication activities.

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](https://www.fciencias.id/regulamento-de-bolsas-de-investigacao-cientifica-da-fciencias.id)).

7. **Place of work:** The work will be developed at the Marine and Environmental Sciences Centre (MARE-ULisboa) under the scientific supervision of Professor Ana Amorim.

8. **Fellowship duration:** This position is initially opened for 6 months due to start in September 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 and FCIências.ID Fellowship Regulation.

9. **Monthly allowance:** The fellowship amounts to € 990,98, according to [table values](#) of the FCIências.ID Fellowship Regulation. 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

- a) General merit of the CV - 10%
- b) Motivation letter - 10%
- c) Letter(s) of recommendation - 10%
- d) Experience in microalgae cultivation - 5%
- e) Training in microalgae isolation - 5%
- f) Training in the preparation and analysis of biological samples - 10%
- g) Training in molecular methods - 10%
- h) Training in taxonomy - 10%
- i) Training in marine ecology - 5%
- j) Average Bachelor degree – 10%
- k) Average curricular units in the call area – 10%
- l) Knowledge of written and spoken English and Portuguese – 5%

The jury may decide to interview the 3 best classified candidates, in criteria a) to l), for clarification and a better explanation of curricular elements. If there is an interview, the sum of the classification obtained in evaluation criteria a) to l) will correspond to 70% of the final classification and the interview will correspond to 30%)

Applicants whose application is scored with a final classification of less than 75 points are not eligible for granting a fellowship.

11. **Selection Committee:** President: Ana Amorim  
1st effective member: Helena David  
2nd effective member: M. Luísa Dâmaso Rodrigues

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

1st alternate member: Ricardo Melo

2nd alternate member: Vanda Brotas.

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 25/07/2024 to 15/08/2024 .

14. **Application:** Applications should be sent via e-mail to [aaferreira@fc.ul.pt](mailto:aaferreira@fc.ul.pt) (indicating in the e-mail subject: VERTICAL ALGAS - BI) by attaching the following documents:

- a. Curriculum vitae;
- b. Certificate of completion of previous degree <sup>Note 1, 2;</sup>
- c. Motivation letter;
- d. At least one letter of recommendation.

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](mailto: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](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 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.

**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>.