



Universidade do Minho

**EDITAL  
CONCURSO BOLSA  
DE INVESTIGAÇÃO**

## **UNIVERSIDADE DO MINHO**

### **Centro de Biologia Molecular e Ambiental (CBMA)**

#### **Anúncio para atribuição de Bolsa de Investigação**

A call for tenders is now open for the attribution of one Research Scholarship within the scope of the project EXTRATOTECA – Microalgae extracts with high added value, reference POCI-01-0247-FEDER-033784, co-financed by European Regional Development Fund (ERDF) through Portugal 2020 under the conditions set out below:

- 1. Scientific Area:** Biological Sciences.
- 2. Recipients:** Students enrolled in PhD courses in the research areas related to the work plan. Candidates must also meet the following mandatory requirements:
  - i) Masters in Biology, Pharmacy, Biochemistry, Biotechnology, or other related areas in one of the areas indicated above;
  - ii) Experience in laboratory research in the indicated scientific areas and immediate availability in the short term;
  - iii) Good spoken and written command of the English language;

Preferential Conditions:

- iv) Experience in the area of natural products and their bioactivities;
  - v) Experience in the use of animal cell lines;
  - vi) Experience in biochemical, cellular and/or molecular biology assays;
  - vii) To have publications, particularly in international journals indexed in the JCR;
- 3. Eligibility of applicants:** applicants must meet the eligibility conditions established in article 9 of the FCT I.P Research Grant Regulation (2019).
  - 4. Work plan:** the main tasks of the project are
    - 4.1 - Extraction and biochemical characterization of selected algae extracts;
    - 4.2-Study and screening of antimicrobial, antioxidant, anti-inflammatory, anti-genotoxic, and neuroprotective activities using biochemical methods;
    - 4.3-Study of bioactivities, namely cytotoxicity/anticancer, anti-inflammatory, and neuroprotective using animal cell models (or others that are considered relevant);
    - 4.4- Cellular studies of cell modulation and/or signalling pathways relevant to the activities described above;
    - 4.5 Additionally, the scholarship holder will have to: 1- prepare progress reports or other publications for publication and dissemination in scientific congresses and specialized journals; 2- plan and develop research work of your own initiative, as long as they are framed within the objectives of the research line in question; 3- co-orient students and young researchers who may be involved in the project.
  - 5. Legislação e regulamentação aplicável:** Law No. 40/2004, of 18 August (Statute of Scientific Research Fellows); amended by Decree-Law 202/2012 of 27 August, by Law no. 12/2013 of 29

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January 2013, by Decree-Law no. 89/2013, of 9 July, and by Decree-Law no.123/2019 of August 28; Regulation of Research Scholarships of the University of Minho and the Foundation for Science and Technology I.P, in force. <https://www.fct.pt/apoios/bolsas/regulamentos.phtml.pt>.

6. **Host institution and scientific supervision:** The work will be developed at the Centre for Molecular and Environmental Biology, Campus de Gualtar-Braga, under the scientific guidance of Professor Alberto Dias.
7. **Duration of the Research Scholarship:** The research scholarship will last for 12 months, starting on August 2021. The grant may be renewed until the end of the project and/or applicable legislation, if it is necessary to conclude the academic degree or to carry out activities that are indispensable for the completion of the project.
8. **Monthly Maintenance Allowance:** The monthly maintenance allowance corresponds to the basic value of 1104.64 euros, according to the table of scholarships of FCT, I.P. in the country (Appendix I - Table of monthly maintenance allowances for the FCT I.P. Research Scholarship Regulation): <http://www.fct.pt/apoios/bolsas/valores>.
9. **Other benefits:** Reimbursement of the Voluntary Social Insurance, corresponding to the 1st tier of the contribution base (for scholarships of 6 months or more) and Personal Accident Insurance. Payments are made by bank transfer to the account identified by the scholarship holder.
10. **Jury:** President: Professor Alberto Dias; Effective members: Professor Rui Oliveira and Professor Fernanda Cássio, Substitute members: Professor Hernâni Gerós

If the President of the Jury is unavailable, he/she shall be replaced by the first effective member. The first substitute member will replace the effective member.

The Jury, including the President, undertake the commitment to respect a set of responsibilities essential to the evaluation process, such as the duties of impartiality, of stating any potential situations of conflict of interest and confidentiality.

11. **Evaluation and Selection Process:** The evaluation of the applications will focus on the merit of the applicant, by applying the following criteria on a scale of 1 to 5: Candidate's Merit - CM (100%):

A.1: Final classification obtained in the Integrated Master's degree;

A.2: Experience duly proven in accordance with the items iv), v); vi) e vii);

The candidate's Merit (CM) classification will be obtained by applying the following formula:

$$CM=(A1*0,5) + (A2*0,5)$$

Candidates classified in the first 2 positions, who obtain a minimum classification of 3 in the MC, will be admitted to the Interview stage, with the Jury proceeding to evaluate the following sub-criteria:

B. Interview – INT:

a. B.1: interpersonal skills

b. B.2: knowledge demonstrated in the contest area

c. B.3: Motivation

d. B.4: Linguistic competences

$$INT=(B1*0,3) + (B2*0,4) + (B3*0,2) + (B4*0,1)$$

The final classification (FC) of the Candidate Merit (CM) and Interview (INT) will be obtained by applying the following formula:

$$CF = (CM*0,7) + (INT*0,3)$$

Documents proving the ownership of academic degrees and diplomas, or their respective recognition when they have been awarded by foreign higher education institutions, may be dispensed with at the application stage, being replaced by a declaration of honor by the candidate, with the verification of this condition occurring only in phase of contracting the scholarship. This statement must attest facts that occurred on a

date prior to the application. In situations of divergence between the information contained in the declaration and the documentation submitted for the purpose of contracting a grant, only the information contained in the latter will be considered. If it is verified that the documents proving the ownership of the academic degree and diploma, or the respective recognition under the terms of Decree-Law No. 66/2018, of August 16, do not correspond to the classifications awarded in the evaluation of the academic path and may, consequently, changing the candidate's ranking, the scholarship will not be contracted.

*Note: Applicants with degrees obtained abroad must present proof of recognition of qualifications in Portugal and conversion of the final classification obtained in them to the Portuguese classification scale or declaration under the terms indicated in the previous point. Candidates who do not comply with one of these provisions, the jury will assign the minimum grade in the grade of the degree and/or master's course, according to the defined scale of values. of a higher education institution, in the area or area related to that requested in notice.*

- 12. Communication of results:** The project evaluation results, based on the minutes, will be sent to candidates by email, within 90 working days after the deadline for submission of applications. If the result is unfavourable to the granting of the requested scholarship, the candidates have a period of 10 working days to comment, if desired, in the context of a prior hearing to interested parties, pursuant to articles 121 and 122 of the Code of Administrative Procedure (DL n° 4 /2015 of January 7th).
- 13. Complaint and appeal procedures:** The final results of the evaluation will be publicized through an ordered list (alphabetically, by final grade obtained), by email to all candidates, attaching, for that purpose, the minutes with the deliberations of the jury. The selected candidate must state in writing their intention to accept the scholarship. In case of non-acceptance, the scholarship will be awarded to the candidate in order of final ranking. A complaint may be filed against the final decision, within 15 working days, addressed to the President of the Jury. Interested parties may also present an optional hierarchical appeal, addressed to the Pro-Rector for Research and Projects, Professor Dr. Filipe Vaz.
- 14. Deadline for application and form of submission of applications:** The competition is open from 12 to 23 July 2021. Applications must be formalized, obligatorily, through the following documents: curriculum vitae; certificate of qualifications or declaration of the candidate; document attesting to enrolment in a doctoral degree. Applications must be sent exclusively to the e-mail [cbma\\_sec@bio.uminho.pt](mailto:cbma_sec@bio.uminho.pt) and [bolsas@ecum.uminho.pt](mailto:bolsas@ecum.uminho.pt) indicating the reference in the subject BI CBMA/EXTRATOTECA/2021.