RESEARCH GRANT (BI) (1 vacancy)

Reference: 2022_089_BI_ BIOSYSMO

A competition is open for the attribution of 1 Research Grant in the framework of the project **"BIOSYSMO** - **Bioremediation systems exploiting synergies for improved removal of mixed pollutants"** funded by the European Union under the GA_101060211, according to the following conditions:

1. Scientific area: Biology

2. Admission requirements

i) The candidates must hold a degree in Cellular and Molecular Biology (with classification equal or higher than 15 values (in 20) and a Master degree in Biotechnology for Sustainability (with classification equal or higher than 17 values (in 20);

ii) Be enrolled in a doctoral programme in Environmental Sciences and Technology or on a non-academic degree course integrated in an educational project of a developed higher education institution in association or cooperation with one or more R&D units;

iii) Experience in bioremediation;

iv) Experience in coastal ecosystems;

v) Experience in science communication;

vi) Experience in working in research projects.

In the event the degree was awarded by a foreign higher education institution, said degree must comply with the provisions of Decree-Law no. 66/2018 of 16th August until the signature of the contract.

3. Work plan: The candidate will be involved in research activities regarding the development, optimization and application of biosystems for estuarine sediment phytoremediation. The development of such biosystems comprises: i) sample collection from polluted estuaries and its characterization in terms of contamination and microbial diversity; ii) isolation of microorganisms with degrading capabilities; iii) development of novel microbial consortia with bioremediation potential; iv) optimization of the efficiency of the developed consortia in microcosms experiments and; v) conducting of mesocosm experiments mimicking estuarine conditions for the complete assessment of the bioaugmentation for assisting the phytoremediation removal of mixed pollutants.

4. Legislation and official rules: Law nº. 40/2004, 18th August (Research Fellowship and Studentship Regulation) and amended by Law No. 202/2012, 27th August; Regulations for Studentships and Fellowships of the Fundação para a Ciência e a Tecnologia, I.P. and CIIMAR Grants Regulation.

5. Work place: The work will be carried out at CIIMAR, under the scientific supervision of PhD Ana Paula Mucha and PhD Marisa Almeida.

6. Duration of the grant: Duration of six (6) months, starting **November 2022**, under the regime of exclusive dedication, eventually renewable according to legal terms.

7. Monthly maintenance stipend: The monthly maintenance allowance is €1.144,64, in agreement with the monthly maintenance stipend table of the grants directly attributed by FCT, I.P. within the country (https://www.fct.pt/apoios/bolsas/valores.phtml.en).

8. Selection methods: The first ranking of candidates will be performed after a CV evaluation based on:

- Academic grades plus scientific area: 50%;
- Experience in the research field: 50%.

If necessary an interview will be done to the three top candidates, after which a final ranking will be performed based on:

- CV evaluation: 80%;
- Interview: 20%.

The jury reserves the right to not assign the research grant if none of the candidates meets all requirements and match the desired profile.

9. Composition of the jury selection:

President of the jury: PhD Ana Paula Mucha

Vogal: PhD Marisa Almeida

Vogal: PhD Joana Fernandes

10. Form of Advertising/notification of results: The final results of the evaluation will be published through a list sorting the candidates according to their attributed mark, on the CIIMAR website and by e-mail; in case of disagreement, the candidates have a 10-working day term to contest the decision, if he/she so wishes, as provided for in the Código do Procedimento Administrativo in a preliminary hearing setting.

The jury reserves the right to not assign the research grant if none of the candidates meets all requirements and match the desired profile.

Based on the final list, a reserve list will be established, which will be used for the eventual attribution of new research grants under this project.

11. Deadline for application and presentation of applications: The competition is open from **17th of October until 28th October 2022.** The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae in English including e-mail address and phone number, and mentioning clearly the academic grades and the relevant research experience;
- copy of the eligibility certificates;
- motivation letter;
- evidence of enrollment in a doctoral program or non-academic degree course;
- indication of the reference of the competition (as indicated in this announcement).

The applications must be sent by e-mail to: rh@ciimar.up.pt with the offer reference in the subject line: "2022_089_BI_ BIOSYSMO". The applications that **do not include all** the elements previously indicated will **not be considered**.

12. Non-discrimination and equal access policy: CIIMAR actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

Pursuant to Decree-Law no. 29/2001 of 3 February, disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honour, their respective disability degree, type of disability and communication/expression means to be used during selection period on their application form, under the regulations above.