

POST-DOCTORAL RESEARCH GRANT (BPD) (1 vacancy)

REFERENCE: GENIALG/BPD/2017-059

A competition is open for the attribution of 1 Post-Doctoral Grant in the framework of **GENIALG - GENetic diversity exploitation for Innovative macro-ALGal biorefinery**, under the European Union Horizon 2020 Framework Programme for Research and Innovation (2014-2020) EC Grant Agreement no: 727892, according to the following conditions:

1. Scientific area:

Biological Sciences / Biotechnology

2. Admission requirements:

- PhD in Biotechnology, Biology or similar areas
- Experience in optimization of algal growth conditions, such as light, temperature and nutrients
- Experience on optimization of algal downstream production and biorefining strategies
- Experience in spectrophotometric assays and liquid- and gas- chromatography
- Excellent skills in English

Experience in writing of scientific proposals for national and European Funding Programs and also the ability to write scientific publication.

3. Work plan:

The candidate will be responsible for developing and implementing methods and procedures for:

- Collection, phenotyping and biobanking of wild strains and strains currently used for macroalgae production.



- Develop and maintain macroalgae unialgal cultures, specially its microscopic stages.
- Studying, the influence of growth conditions of promising algal strains on the yield of biomolecules of interest and on their activity.
- Strain improvement: applying breeding approaches for strain improvement and manipulation of ploidy to influence yield and fertility

The candidate will also be responsible for project reporting and writing of scientific manuscripts, as well as support other activities of the project and of the laboratory, if requested.

4. Legislation and official rules:

Law nº. 40/2004, 18th August (Research Fellowship and Studentship Regulation); Regulations for Studentships and Fellowships of the Fundação para a Ciência e a Tecnologia, I.P. — 2015 and CIIMAR Grants Regulation.

5. Work place:

The work will be carried out at the Coastal Biodiversity Group of CIIMAR, with headquarters located in Novo Edifício do Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos, s/n, 4450-208 Matosinhos, and in other installations where the group is experimenting with algal cultivation and under the scientific supervision of Prof. Doutora Isabel Sousa Pinto.

6. Duration of the grant:

Duration of six (6) months, starting February 2018, under the regime of exclusive dedication, eventually renewable according to legal terms.



7. Monthly maintenance stipend:

The monthly maintenance allowance is €1495 (one thousand four hundred ninety-five Euros, Tax-Free), in agreement with the monthly maintenance stipend table of the grants directly attributed by FCT, I.P. within the country (<http://www.fct.pt/apoios/bolsas/valores.phtml.en>).

8. Selection methods:

Ranking of the candidates will be performed by CV evaluation according to:

- Working experience in the field (50%)
- Publications (50%)

An interview may be conducted to the top 3 candidates, if the jury finds it necessary. In this case, the interview will have a weight of 40% in the final classification.

9. Composition of the jury:

President of the jury: Prof. Doutora Isabel Sousa Pinto

Vogal: Doutora Ana Catarina Guedes

Vogal: Doutora Isabel Azevedo

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 in which 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 grant depending on the quality of the applications.

11. Deadline for application and presentation of applications:

The competition is open from **8th until 19th January 2018**. The applications must be formalized, compulsorily, by sending the following documents:

- Application letter (including the reference of the competition, as indicated in this announcement, contact e-mail address and phone number)
- Motivation letter
- Detailed Curriculum vitae
- Copy of the eligibility certificates
- Reference contact information of current and past supervisors

The applications must be sent by postal mail to Emília Afonso, CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental, Novo Edifício do Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos s/n, 4450-208 Matosinhos, and simultaneously by e-mail to: Emília Afonso (secretariado@ciimar.up.pt) and Isabel Sousa Pinto (ispinto@fc.up.pt).

The applications that do not include all the elements previously indicated will not be considered.

