

ASSISTANT RESEARCHER WORK CONTRACT (1 vacancy)

Reference: GENIALG/IA/2020-019

A competition is open for the attribution of 1 work contract vacancy to an Assistant Researcher in the framework of the project GENIALG - GENetic diversity exploitation for Innovative macro-ALGal biorefinery, EC Grant agreement no: 727892, within the R&D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), supported by the European Union Horizon 2020 Framework Programme for Research and Innovation (2014-2020), according to the following conditions:

1. Scientific area: Biological Sciences / Aquaculture

2. Admission requirements

The candidate must accomplish the following requisites:

- PhD in Biology, Biotechnology 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 biomass valorisation and bioactivities assessment.
- Experience in and biochemical assays namely spectrophotometric and liquid- and gas-chromatography assays
- Excellent skills in English
- Experience in writing of scientific proposals for national and European Funding Programs and also the ability to write scientific publication and reports.

Preferential factors will be considered: (i) scientific publications and participation in scientific projects in the area; (ii) immediate availability; and (iii) capacity for initiative and responsibility.

In the event the doctorate 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 contracted Assistant Researcher (AR) will be responsible for developing and implementing methods and procedures for the collection, phenotyping and biobanking of wild strains of *Ulva* sp. and strains currently used for macroalgae production; develop and maintain macroalgae unialgal cultures, specially its microscopic stages; studying, the influence of growth conditions (such as light quality, temperature and nutrients) of promising algal strains on the yield of biomolecules of interest, establishment of biorefining extraction methodologies of bioactive compounds, assess alga biochemical composition, and bioactivities alga compounds.

4. Legislation and official rules:

Decree-Law no. 63/2019 of 16-5, which approved the legal regime for institutions of scientific research and technological development and Labour Code approved Law no. 7/2009 of 12th February, under its current reading.

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, Matosinhos, under the scientific supervision of Prof. Doutora Isabel Sousa Pinto.

6. Duration of the grant:

Starting August 2020, for six month period, under the regime of exclusivity, eventually renewable according to the end of the project and legal terms (articles n.º 140º, nº 1 and nº 2, h); and article n.º 148º, nº 1 - Labour Code.

7. Monthly salary:

The gross monthly salary is €2.134,73, in agreement with the research career; food, holidays and Christmas allowance apart.

8. Selection methods:



The first ranking of candidates will be performed after a CV evaluation based on:

- Scientific career: 50%;
- Experience in the 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 and experience in the field evaluation: 50%;
- Interview: 50%.

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

9. Composition of the jury selection:

President of the jury: Isabel Sousa Pinto

Vogal: Ana Catarina Guedes

Vogal: Débora Borges

Substitute vogal: Marcos Rubal

Substitute vogal: Purificacion Veiga

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 **22 july until 4 august de 2020**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum Vitae
- copy of the eligibility certificates
- motivation letter
- indication of the reference of the competition (as indicated in this announcement).

Applications must be sent by e-mail to rh@ciimar.up.pt . The applications that do not include all the elements previously indicated will not be considered.

