

RESEARCH GRANT (BI) (1 vacancy)

Reference: NanoCulture_BI_Msc_2019-030

A competition is open for the attribution of 1 Research Grant in the framework of the project NANOCULTURE, with reference EAPA_590/2018, project funded by the Programme Atlantic Area through the European Regional Development Fund (ERDF) within the R&D Institution CIIMAR (Interdisciplinary Centre of Marine and Environmental Research), according to the following conditions:

1. Scientific area: Biological Sciences

2. Admission requirements:

The candidate must hold a Master in Biology or related areas. Preference will be given to candidates with previous work experience in Ecotoxicology and animal experimentation. It is mandatory the candidate to have the legal certificate, from Direção Geral de Alimentação e Veterinária (DGAV), to carry out animal experiments. The candidate will be also involved in different tasks related with management of the project, under the direction of the PI of the project, and should have the following knowledge, skills and experience:

- Knowledge of in biology and physiology of aquatic vertebrates and invertebrates;
- Independent capacity to set-up ecotoxicology experiments, follow-up of trials, and Independent capacity for sample collection and tissue processing of seafood products;
- Experience in the accumulation dynamics of contaminants in aquatic vertebrates and invertebrates, preferentially nanoparticles
- Experience in determination of different biochemical markers related with energetic metabolism, oxidative stress, detoxification and oxidative damage;
- Experience in writing scientific publications;
- Availability to travel;
- Fluent English speaking and writing;
- Speaking Portuguese is desirable (but not an exclusion factor).

3. Work plan:

The candidate will mainly concentrate on developing Ecotoxicology experiments with marine vertebrate and invertebrate models, and report the effects related with the exposure to TiO₂ and Ag nanoparticles. The candidate will be also enrolled on the coordination of selected activities related with project management, dissemination and communication.

4. Legislation and official rules:

Law n.º. 40/2004, 18th August (Research Fellowship and Studentship Regulation) amended and republished by Decreto-Lei n.º 202/2012, 27th August; Regulations for Studentships and Fellowships of the Fundação para a Ciência e a Tecnologia, I.P. —and CIIMAR Grants Regulation approved by FCT.

5. Work place:

The work will be carried out at CIIMAR, Edifício do Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos, s/n, Matosinhos, under the coordination of Doutor Alexandre Campos.

6. Duration of the contract:

Duration of twelve (12) months, starting September 2019 under the regime of exclusive dedication, eventually renewable according to legal terms, depending on the extension of the project execution period approval.

7. Monthly salary:

The gross monthly salary is €989,70 (nine hundred and eighty nine Euros and seventy cents), 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:

Candidates will first be ranked according to a global Curriculum Vitae evaluation. The candidates' CV score (CVS) will be the sum of the evaluation for the Academic Qualification (AQ) and the Work Experience (WE), in accordance with the formula:

CVS = 0,4 AQ + 0,6 WE

Academic qualification (AQ) will be scored from 0 to 10 and the evaluation will take into account the University – level degrees of the candidate and their appropriateness to the position.

Work experience (WE) evaluation will take into account i) the experience in the field of study, scored from 0 to 10 with a relative weight of 70%; ii) scientific publications in ISI journals in the area of preference, scored from 0 to 10 and with a relative weight of 10%; and iii) a global appreciation of the motivation of the candidate and interest in the field of research, taking into account the motivation letter, also scored from 0 to 10 and with a relative weight of 20%.

The jury reserves the right to not assign the research grant if none of the candidates meets all requirements and matches the desired profile. Interview may be required for the top-three scoring candidates. If so, the interview will be scored at 50%.

The jury reserves the right to not assign the Grant depending on the quality of the applications.

9. Composition of the jury selection:

President of the jury: Alexandre Campos

Vogal: José Carlos Martins

Vogal: Ralph Urbatzka

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, 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.

11. Deadline for application and presentation of applications:

The competition is open from **01/08/2019 to 14/08/2019**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum Vitae
- copy of the eligibility certificates
- motivation letter

- recommendation letter
- contact e-mail address and phone number
- indication of the reference of the competition (as indicated in this announcement)

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

The contracts will only be signed after the signature of the financing agreements of the project.