

## **RESEARCH GRANT (BI) (1 vacancy)**

### **Reference: NITROLIMIT/BI-Lic/2019-004**

A competition is open for the attribution of 1 Research Grant in the framework of the project "NITROLIMIT - Life at the edge: define the boundaries of the Nitrogen Cycle in the Extreme Antarctic Terrestrial Environments" with the reference PTDC/CTA-AMB/30997/2017, supported by Portuguese Science and Technology Foundation through national funds, according to the following conditions:

#### **1. Scientific area:** Environmental Sciences

#### **2. Admission requirements**

- i) The candidates must hold a degree in Environmental Sciences or related field with classification equal or higher than 15 values (in 20);
- ii) Experience in analyzing data generated from NGS tools using bioinformatics pipelines and downstream analysis for prokaryotes;
- iii) Technical and scientific knowledge on the study of rare biosphere data sets generated by NGS approaches.

#### **3. Work plan**

The candidate will be involved in research activities to investigate the distribution, frequency and diversity of the microbial communities across different Antarctic Cold Deserts located in the Transantarctic Mountains. Next generation sequence (NGS) technology based on 16S rRNA-gene and shotgun metagenomics sequencing analysis will be used as major methodological tools. The work will also involve the use of bioinformatic pipelines and metadata analysis.

#### **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, Edifício do Terminal de Cruzeiros do Porto de Leixões, Av. General Norton de Matos, s/n, 4450-208 Matosinhos, within Ecobiotec research team.

#### **6. Duration of the contract**

Duration of ten (10) months, starting May 2019, under the regime of exclusive dedication, eventually renewable according to legal terms.

## **7. Monthly Maintenance**

The monthly maintenance allowance is €752,38 (seven hundred and fifty two Euros and thirty eight cents – Tax Free), 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:

- The Degree grade plus scientific area: 40%;
- Experience in the research field: 60%.

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

- CV evaluation: 60%;
- Interview: 40%.

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:**

President of the jury: Catarina Magalhães

Vogal: Sandra Ramos

Vogal: Ana Paula Mucha

## **10. Form of advertising/notification of results**

The results of the evaluation will be published on the website of CIIMAR and sent by e-mail. 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 not to assign the research grant if none of the candidates meet all the requirements and match the desired profile.

## **11. Deadline for application**

The competition is 25<sup>th</sup> March until 5<sup>th</sup> April 2019. The applications must be formalized, compulsorily, by sending the following documents:

- Curriculum Vitae;
- Copy of the eligibility certificates;
- Motivation letter

Applications must be sent by e-mail to [secretariado@ciimar.up.pt](mailto:secretariado@ciimar.up.pt). The applications that do not include all the elements previously indicated will not be considered.