

ANNOUNCEMENT FOR THE OPENING OF AN INTERNATIONAL SELECTION TENDER PROCEDURE FOR (1) ONE DOCTORATE RESEARCHER HIRING

Reference: NITROLIMIT/IA/2021-022

A competition is open for the attribution of 1 work contract vacancy to a doctorate Researcher 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) Hold a PhD in Biological, Biomedical, Environmental Sciences, Bioinformatics or other related field;
- ii) Technical and scientific knowledge on microbial communities diversity and functions in different natural ecosystems;
- iii) Technical and scientific knowledge on microbial communities diversity using molecular tools, with a strong knowledge on NGS and bioinformatic pipelines (e.g metabarcoding, metagenomics, metatranscriptomics);
- iv) Experience in microbiome sampling techniques and laboratorial techniques.

Any national, foreign and stateless candidate(s) who hold a doctorate degree in Biological Sciences, Environmental Sciences, or related scientific areas and a scientific and professional curriculum whose profile is suited for the activity to be performed. 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 candidate will be involved in project management and in research activities to investigate the distribution, frequency and diversity of the microbial communities and its key functions across different Antarctic and Arctic ecosystems. 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

Decree-Law no. 57/2016 of 29th August, which approved the doctorate hiring regime destined to stimulate scientific and technological employment for all knowledge areas (RJEC), updated by the

Law no. 57/2017 of 19th July and Labour Code approved Law no. 7/2009 of 12th February, under its current reading and Regulatory Decree No. 11-A / 2017, of 29th December.

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

An uncertain term work contract will be signed starting June 2021, under the regime of exclusivity, according to legal terms (articles n.º 140º, n.º 1 and n.º 2, h; and article n.º 148º, n.º 4 – Labour Code and article 6º, n.º 1 b) e n.º 3 from Decree-Law n.º 57/2016, de 29 -8).

7. Monthly salary

The gross monthly salary is 2.134,73 € according to the Single Remuneration Table (level 33), referring to the initial level - Article 2 of Regulatory Decree No. 11 / A / 2017, of 29-12.

8. Selection methods

The ranking of candidates will be performed by Curriculum Vitae evaluation based on:

- Academic qualification relevant for the scientific area: 50%;
- Merit of the curriculum for the scientific area: 50%.

The evaluation process may include an interview with the first three graders, which is intended to clarify aspects related to the results of their research, in which case the interview weighs 10% and the previous evaluation weighs 90%.

Pursuant to article 5 of RJEC, selection is to be made based on candidate scientific and curricular career evaluation.

Scientific and curricular career evaluation focuses on relevance, quality and up-to-dateness, associated to the contest theme:

a) of scientific and technological production in the last five years, deemed most relevant by the candidate;

b) of research activities, applied or based on practical work, developed in the last five years, deemed most impactful by the candidate;

c) of knowledge extension and dissemination activities developed in the last five years, namely under the scope of the promotion of culture and scientific practices, deemed most relevant by the candidate.

d) of science, technology and innovation management activities, or of experience in monitoring the scientific and technological system or the higher education system, in Portugal or abroad.

The five-year period mentioned above can be extended by the panel, if requested by the candidate, whenever the suspension of scientific activities is reasoned by socially protected grounds like parental leave, long-term serious illness, and other legal situations of unavailability to work.

9. Composition of the jury:

President of the jury: Catarina Magalhães

Vogal: Fátima Carvalho

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 contract if none of the candidates meet all the requirements and match the desired profile.

11. Deadline for application

The competition is open from **10th until 30th June 2021**. The applications must be formalized, compulsorily, by sending the following documents:

- detailed Curriculum vitae in English or Portuguese 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
- 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 . Attachments should be limited to 5 MB total size. The applications that **do not include all** the elements previously indicated will **not be considered**.

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.