



## HERCULES Laboratory

### Call for one PhD Research Scholarship

July 8th 2021

A call for tenders is open for one postdoctoral scholarship within the scope of the project MICROCENO: Microbial biocenoses in volcanic caves from pristine islands: potential for astrobiology, biotechnology and paleoenvironmental research” (Ref: PTDC/CTA-AMB/0608/2020), financed by national funds through FCT/MCTES, under the following conditions:

**Scientific area:** Biotechnology or related area

**Admission requirements:** We are looking for a researcher holding a PhD in Biochemistry, Biotechnology or related field with experience to:

- Handling microorganisms and performing microbial cultures
- DNA analysis and NGS sequencing techniques
- Bioinformatics: metagenomics and functional genomics

Regarding the “BIPD” (postdoctoral scholarship), in terms of the requirements to be verified for their attribution (article 7 of the FCT Research Grant Regulation no. 950/2019) the need for a doctoral degree to have been obtained in the 3 years prior to the date of submission of the application to the scholarship and, in terms of its execution, the fact that it can only be renewed for a maximum period of 3 years.

**Work plan:** In this project, research activities will address:

- a) Characterization of microbial communities by molecular biology techniques and next generation sequencing (NGS);
- b) Bioinformatics: metagenomics and functional genomics;
- c) Participation in dissemination activities (publications and communications to congresses).

**Applicable legislation and regulations:** The granting of the Research Scholarship will be carried out upon the signing of a contract between the University of Évora and the scholarship holder, as set in the contract template [https://www.fct.pt/apoios/Minuta\\_Contrato\\_Bolsa.docx](https://www.fct.pt/apoios/Minuta_Contrato_Bolsa.docx) , pursuant to the Research Scholarship Statute (Law No. 40/2004 of August 18 and Decree-Law

No. 123/2019 of August 28) and in accordance with the legislation and Regulation of Research Grants of the Foundation for Science and Technology, IP in force, regulation nº950/2019 of December 16, 2019 <https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt> and other applicable rules.

**Place of work:** The work will be developed at HERCULES Laboratory of the University of Évora, under the scientific guidance of the Doctor Ana Zélia Miller and Professor Doctor Ana Teresa Caldeira.

**Duration of the scholarship(s):** The scholarship will have a duration of 6 months, starting on August 2021. The scholarship contract may be renewed up to (ex.) a maximum of 12 months.

**Amount of monthly maintenance allowance:** The amount of the scholarship corresponds to € 1646,00, according to the table of scholarships awarded directly by FCT, I.P. in Portugal (<http://fct.pt/apoios/bolsas/valores>), payments being made monthly, by check or bank transfer.

**Selection methods:** The selection methods to be used will be curriculum evaluation, with the following respective valuation (scale from 0 to 100 points):

- a) Adequacy of the scientific area of specialization (maximum of 50 points);
- b) Scientific production (scientific articles, oral or panel communications presented at national and international conferences) (maximum of 50 points).

The jury may decide to interview candidates to more objectively assess some of the criteria or in the event of a draw. In this case, the interview will correspond to 40% and the total evaluation, obtained from the sum of the evaluation criteria a, b and c, will correspond to 60%.

**Composition of the Selection Jury:**

President: Doctor Ana Zélia Miller

1º Member: Professor Doctor Ana Teresa Caldeira

2º Member: Professor Doctor Manuel Francisco Costa Pereira

1º Alternate member – Professor Doctor António Candeias

2º Alternate member – Doctor Igor Tiago

**Advertising/notification of results:** The final results of the evaluation will be publicized, through an ordered list by final grade obtained and posted in a visible and public place at *Laboratório HERCULES, Palácio do Vimioso, Universidade de Évora*, being the candidate (a) approved notified through email.

To ensure the right of prior hearing of interested parties, the Final Classification project will be announced by any written means to all interested parties.

After communicating the provisional list of the results of the evaluation, candidates have a period of 10 working days to express their opinion in a preliminary hearing of interested parties.

**Application deadline and submission of applications:** The tender is open from July 12 to July 23 of 2021 and the results of the selection will be published by July 30 of 2021.

Applications must be formalized, obligatorily, by sending an application letter with the following documents: Curriculum Vitae, certificate of qualifications and other supporting documents considered relevant.

For the purposes of application, the evidence may be replaced by a declaration of honor signed by the candidate, but the failure to demonstrate that evidence, in the contracting phase, possession of the required degree on the deadline for application or the non-presentation of proof of enrollment in the study cycle or non-degree course, for scholarships with this component, imply the cancellation of the candidate's application.

Academic degrees obtained in foreign countries require registration by a Portuguese Institution in accordance with Decree-Law no. 66/2018, of August 16 and Ordinance No. 33/2019, of January 25th.

The presentation of the certificate is mandatory for the signing of the contract. More information can be obtained at: <https://www.dges.gov.pt/pt/pagina/recognition?plid=374>

Applications must be sent by email to:

Doctor Ana Zélia Miller

HERCULES Laboratory of the University of Évora

email: [anamiller@uevora.pt](mailto:anamiller@uevora.pt)