

Competition for the award of a Research scholarship (BI) within the scope of the project

2022. 08738.PTDC

A competition is open for the award of a Research Grant (BI) within the scope of the DropH2O research project - Quality of drinking water: early warning and removal of microcontaminants by innovative carbon-based materials - 2022.08738.PTDC, with financial support from FCT/MCTES through national funds (PIDDAC), under the following conditions:

Scientific Area: Forensic Sciences and Environmental Toxicology or related areas.

Admission requirements: Candidates who cumulatively meet the following requirements can apply for this competition:

Requirement 1:

- Be a student enrolled in a master's degree or an integrated master's degree who has already completed 180 credits corresponding to the first six curricular semesters in the area of forensic sciences and environmental toxicology

or

- holder of an academic degree enrolled in a course that does not award an academic degree as part of the educational project of a higher education institution, developed in association or cooperation with one or more R&D units.

Note: In the case of holders of an academic degree who are enrolled in courses that do not confer an academic degree, the scholarship can only be attributed to those who have not exceeded, with the conclusion of the scholarship contract in question, including possible renewals, an accumulated period of two years in this type of scholarship, consecutive or interpolated.

and

Requirement 2:

- Hold a Bachelor's degree in the area of forensic sciences and environmental toxicology

If the qualification was granted by a foreign higher education institution, it must comply with the provisions of Decree-Law No. 66/2018, of August 16, and any formalities established there must be completed until the moment of hiring.

Work plan and objectives to achieve:

The project aims to monitor pesticides in samples of drinking water. To achieve this, the aim is:

- Apply analytical methods using gas chromatography for separation and analysis of pesticides in water samples.

Applicable legislation and regulations: Law No. 40/2004, of August 18, in the current wording (Statute of Scientific Research Fellow) and Regulation of Research Grants of the Foundation for Science and Technology, in force (<https://www.fct.pt/financiamento/financing-programs/scholarships/>).

Host entity/contracting entity: 1H-TOXRUN of the University Institute of Health Sciences (IUCS-CESPU) / CESPU.

Workplace: The work will be carried out in the TOXRUN laboratories of the University Institute of Health Sciences (IUCS), Gandra, Paredes and at the Department of Chemical Engineering of the Faculty of Engineering of the University of Porto, under the scientific guidance of Prof. Cláudia Ribeiro and Dr. Ana Rita Ribeiro.

Duration of the scholarship and Activity Regime: The scholarship will last for 6 months, starting in November 2024, on an exclusive basis, possibly renewable, but not exceeding the project completion date.

If it is not possible to guarantee the duration of 6 months provided for in the previous paragraph, this duration will be adjusted depending on the end date of the project, and provided that the minimum duration of 3 consecutive months is guaranteed, as provided for in nº 3 of the article. 6th of the Research Grant Regulations of the Foundation for Science and Technology, I.P.

Any renewal of the grant will be carried out as determined in article 6 and article 15 of the Research Grant Regulations of the Foundation for Science and Technology, I.P.

Support regime and dissemination of results: As determined in article 30 of the Research Grant Regulations of the Foundation for Science and Technology, I.P.

Amount of the monthly maintenance allowance: The monthly amount of the scholarship corresponds to € 990.98 (+ social insurance) according to the table of scholarship values awarded by FCT, I.P. in the country <https://www.fct.pt/financiamento/programas-de-financiamento/bolsas/>. Payment will be made by bank transfer.

Selection methods: A curricular evaluation will be carried out based on the merit of the candidates in which the following factors will be considered:

- a) Academic training: Degree in the field of forensic science – 4 points; Degree in related areas – 2 points;
- b) Final Degree Classifications: equal to or greater than 15 values – 4 points; 14 values – 3 points; up to 13 values – 2 points;
- c) Knowledge and research experience in the area of the work plan (up to 5 points);
- d) Proficiency in the English language, to be assessed through a motivation letter (up to 2 points).

The four best-ranked candidates in the curriculum evaluation will be selected for interview (up to 5 points). During the interview, topics related to the candidate's work plan, previous experience, motivation and CV will be discussed.

The final assessment results from the sum of the curricular assessment and the interview assessment.

Composition of the Selection Jury:

President — Professor Cláudia Ribeiro

1st effective member – Professor Alexandra Maia

2nd effective member – Doctor Ana Rita Ribeiro

Method of publishing/notifying results: The results of the evaluation will be published via email, to the email address indicated in the application process.

Application deadline and form of submission of applications:

The competition is open from 26/09/2024 to 11/10/2024 (until 23:59 pm, local time)

Applications must be formalized via email to claudia.ribeiro@iucs.cespu.pt, indicating the project reference in the subject (**CESPU-DropH2O**), accompanied by the following documents:

- Motivation letter (written in English),
- Certificates proving academic qualifications in the proposed areas,
- Proof of experience in laboratory activities for the work to be carried out,
- Detailed CV,
- Declaration on honor that you comply with the requirement contained in article 6 of the Research Grant Regulations of the Foundation for Science and Technology, I.P. (model below, in the case of a student enrolled in a course that does not award an academic degree as part of the educational project of a higher education institution, developed in association or cooperation with one or more R&D units).
- Other documents considered relevant by the candidate.

Declaration under oath of honor

I, (identification of scholarship holder), holder of Citizen Card / Visa / Residence Permit no., valid until , declare on honor, that I meet the conditions set out in no. 5 of article 6 of the Scholarship Regulations of Research at FCT, I.P. - Regulation no. 950/2019, of December 16th.

Porto, __/__/____

(Signature of Fellow)

Documentation to be provided at the time of contracting: in addition to those referred to in the previous point, it is necessary to present proof of enrolment in a course that does not award an academic degree as part of the educational project of a higher education institution.

Complaint and appeal deadline: Candidates have a period of 10 working days after publication and notification of the results to comment. After this period ends without any announcement from the candidates, the list is final and the best placed candidate is notified to fill the vacancy.

The scholarship contract and final report models to be prepared by the scholarship holder and the supervisor can be consulted at <https://toxrun.iucs.cespu.pt/?q=job-opportunities>

ANNEX I: Draft scholarship contract

ANNEX II and III: Reports to be carried out by the supervisor and the scholarship holder.