

A Research Fellowship (MSc) (**Reference CESPU_2024_1**) on the project “4FirHealth - Firefighting occupational exposure and early effects on the health of operational forces (PCIF/SSO/0090/2019), supported by national funds by FCT / MCTES, is available at CESPU.

Scientific area: Biomedical Sciences and related areas

Admission requirements: i) MSc degree in Bioengineering, Pharmaceutical Sciences, Biotechnology, Biochemistry or related scientific areas; ii) knowledge in green extraction techniques for natural products and food by-products; iii) experience in cellular models of biological barriers; iv) knowledge in microencapsulation; v) experience with analytical techniques.

Work Plan: This project aims to contribute with: i) assess the bioaccessibility of pre-selected firefighters’ occupational exposure to health-relevant pollutants released during fires through different routes of exposure and the potential cytotoxic effects on firefighters’ health, through in vitro 3D cell models, including analytical quantification and biochemistry correlation ii) data treatment and firefighters’ health risk assessment and iii) preparation of scientific articles.

Applicable Legislation: The grant is awarded under the Research Fellowship Holder Statute, approved by Law nº 40/2004, of August 18th, and updated by Law decree 123/2019, of August 28th, and the Regulation for Fellowships of the Fundação para a Ciência e a Tecnologia, I.P.: <https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>.

Work Place: The work will be conducted at CESPU, Gandra, Paredes, under the supervision of Professor Bruno Sarmento.

Duration of the fellowship: The fellowship will have duration of 7 months, expected to start on February 19, 2024.

Monthly stipend: Monthly stipend is € 1199.64 according to the stipends established by FCT, I.P. in Portugal (<http://alfa.fct.mctes.pt/apoios/bolsas/valores>). Payment will be made by bank transfer on a monthly basis. The successful candidate will also be entitled to the reimbursement of Social Security payments (Seguro Social Voluntário) and work insurance.

Scientific and curricular career evaluation focuses on relevance, quality and up-to-dateness:

a) of scientific and technological production deemed most relevant by the candidate;

b) of motivation and research activities, applied or based on practical work, deemed most impactful by the candidate;

The criteria of evaluation are scientific and curricular path: The assessment of the applicants' CV, in particular scientific merit and research capacity, shall be based on the following criteria:

a) Detailed CV (75%):

1. Publications demonstrating knowledge and experience related with the research plan (20%);
2. Relevant publications in the project area. It will be considered not only the impact of the publications but also the quality of the results (20%)
3. Experience in research relevant to the area they are applying (25%).
4. Dissemination of knowledge activities; Participation in research projects relevant to the area to which it is applying (10%).

b) Motivation letter (25%):

Detail the interest and motivation for the research area of the project. Please indicate the contacts of 2 references that attest to your scientific path.

Candidate final classification system shall be given based on a scale 0-100. The panel shall deliberate by means of roll-call vote justified under adopted and disclosed selection criteria, with no abstentions allowed.

Minutes of panel meetings shall be executed and shall include a summary of all occurrences of said meeting, as well as of all votes casted by the members and respective reasoning, and shall be provided to candidates whenever required.

After selection criteria application, the panel shall prepare a sorted list of approved candidates and respective classification.

Panel's final decision shall be validated by the leader of the institution, who is also in charge of deciding about the hiring.

Applications shall include all supported documents for tender admission, namely:

- a) Copy of certificate or diploma;
- b) Detailed curriculum vitae;

- c) Letter of motivation in English;
- d) Brief description of the most relevant scientific activities (maximum 1/2 / 1 page);
- e) Other documents relevant for the evaluation of qualification in related scientific area.

Composition of the Selection Jury:

- President: Professor Bruno Sarmento
- Panel members: Professor Hassan Bousbaa, Professor José das Neves
- Other members (substitute): Professor Vitor Seabra

Publicity and communication of results: The ranking of applications will be published at a visible and public area of CESPU facilities, and all candidates will be informed by email about the result of their application.

Application:

The call for applications is open between de 15/01/2024 to 26/01/2024.

The applications are formalized at the electronic address bruno.sarmiento@iucs.cespu.pt containing in the subject the reference to which the candidate is applying (**Reference CESPU_2024_1**), submitting the motivation letter in English addressed to the president of the jury, stating the identification of the position, full name, address, e-mail address and telephone contact, also presenting the supporting documents, obligatorily in digital format, in PDF format.

All candidates who formalize the application in an improper way or fail to prove the requirements imposed by this tender are excluded from admission. In case of doubt, the panel is entitled to request any candidate to present further documentation supporting their statements.

False statements provided by the candidates shall be punished by law.

After publication, all candidates have 10 working days to respond. Panel's final decisions are pronounced within a period of 90 days, from the application deadline, published at CESPU website www.cespu.pt

The present tender is exclusively destined to fill the specify vacancy and can be terminated at any time until approval of final candidate list, expiring with the respective occupation of said vacancy.

Non-discrimination and equal access policy: CESPU actively promotes a nondiscrimination 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 honor, 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.

The jury panel has approved this announcement in a meeting on 10/01/2024.