

1 Postdoctoral Research Grant

Call open for applications for a postdoctoral research grant within the framework of project 2SMART - engineered Smart materials for Smart citizens, with the reference NORTE-01-0145-FEDER-000054, co-financed by the European Regional Development Fund (ERDF), through the North Portugal Regional Operational Programme (NORTE2020), under the Portugal 2020 Partnership Agreement, under the following conditions:

Scientific Area: Chemical Engineering or related areas

Admission requirements:

Candidates who cumulatively meet the following requirements may apply for this grant:

- a) Hold a PhD degree in Chemical and Biological Engineering or related areas, obtained in the last three years before the application to this grant;
- b) The Post-doctoral research is carried out in a host entity other than the one where the research work that led to the award of the PhD degree was developed.
- c) Do not exceed, with this scholarship contract, including renewals, an accumulated period of three years in this type of scholarship, followed or interpolated.

If the degree has been awarded by a foreign higher education institution, it must comply with the provisions of the Decree-Law no. 66/2018, of August 16th, therefore, it is mandatory, in the application, to present the document proving that the qualification complies with the provisions of that Decree-Law, or alternatively, a document proving that the candidate has already started this process. All formalities established in the Decree-Law n.º 66/2018, of 16th August must be fulfilled until the act of signing the contract.

Activity Outline: The work plan is included in Activity 3: *Engineered smart materials by digital manufacturing for environmental applications*. The development of bioelectrochemical components for wastewater treatment is foreseen.

Legislation and regulations: Law N.º. 40/2004, of 18th August, in its current wording (Statutes of Scientific Research Fellow) and Regulation of Research Grants of Fundação para a Ciência e a Tecnologia, in force (<https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>) and Regulation of Research Grants of University of Porto.

Work place: The work will be developed in LSRE-LCM at the Department of Chemical Engineering of the Faculty of Engineering of the University of Porto (FEUP), under the scientific supervision of Doctor Olívia Salomé Gonçalves Pinto Soares.

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Grant duration: Initial duration of 6 months, with starting date predicted to July/2022, on exclusive basis regime, eventually renewable, up to the maximum of 3 years but not exceeding the end of the project.

If the recruitment procedures do not allow the grant to last for a minimum of 3 consecutive months, in accordance with paragraph 6 of article 7 of the Research Grant Regulations of the Foundation for Science and Technology, I.P. , the scholarship will not be awarded.

Stipend: The grant stipend amounts to 1686,00€ according to the table of values of the grants awarded directly by FCT, I.P. in the Country. The payment will be made by bank transfer.

Selection procedure:

The selection of the scholarship holder will be based on a curricular evaluation that will focus on the merit of the candidate and an interview will be held for candidates whose classification in the curricular evaluation is equal to or higher than 15 points. The evaluation criteria for the curricular component are:

- Academic profile of the candidate: PhD in Chemical and Biological Engineering (5 points); PhD in related areas (2 points);
- Participation in R&D projects in an area relevant to the research project (up to 5 points); Participation in R&D projects in related areas for the research project (up to 2 points);
- Relevant publications (up to 5 points);
- Motivation letter that will allow evaluation of the candidate's English proficiency and motivation (up to 5 points).

The final ranking of the interviewed candidates will be given by the sum of:

- Score of the CV evaluation
- Score of the interview (up to 5 points)

If the minimum score of 20 points is not reached by any of the applicants, the scholarship will not be awarded.

Selection Jury:

President: Professor Maria Arminda Costa Alves

Effective member: Professor Madalena Maria Gomes de Queiroz Dias

Effective member: Professor Olívia Salomé Gonçalves Pinto Soares

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Supplementary member: Professor Alexandra Maria Pinheiro da Silva Ferreira Rodrigues Pinto

Supplementary member: Professor Filipe José Menezes Mergulhão

Advertisement of final decision: The results of the evaluation will be released to the candidates by email to the email address indicated in the application process.

Deadline for applications and form of presentation of the applications:

The call is open from **09-05-2022 to 20-05-2022**

Applications must be formalized by email to dias@fe.up.pt and to recursoshumanos@fe.up.pt, should clearly state the reference **FEUP_2Smart_BPD PROD**, and must include:

- Motivation Letter,
- Certificates evidencing academic degree,
- Curriculum Vitae,
- Declaration on honour that the candidate fulfills the requirement contained in paragraph c) of the admission requirements (template below);
- other documents considered relevant by the applicant.

Declaration on honor

I, (identification of the fellow), holder of the Citizen Card / Visa / Residence Permit no., Valid until, declare under honor, under the terms of paragraph e) of no. 3 of article 7º of the Research Grants from FCT, IP - Regulation no. 950/2019, of 16 December, which will not exceed, with the scholarship contract in question, including possible renewals, an accumulated period of three years in this type of scholarship, followed or interpolated.

Porto, ___ / ___ / _____

(Signature of Candidate)

Cofinanciado por:

