

1 Research Grant (M/F)

Call open for applications for a research grant within the framework of project Biocide_for_Biofilm - Development of novel biocide solutions for effective biofilm control - PTDC/BII-BTI/30219/2017 - POCI-01-0145-FEDER-030219, funded by FEDER funds through COMPETE2020 - Programa Operacional Competitividade e Internacionalização (POCI) and by national funds (PIDDAC) through FCT/MCTES, under the following conditions:

Scientific Area: Biomedical Sciences and related fields

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

Requirement 1:

- Be a student enrolled in a doctoral program in the area of Chemical and Biological Engineering, a requirement to be duly proven at the time of signing the contract.

or

- To be enrolled in a non-academic degree course integrated in the educational project of a higher education institution, developed in association or cooperation with one or more R&D units a requirement to be duly proven at the time of signing the contract.

Note: In the case of masters who are enrolled in non-academic degree courses, the scholarship can only be awarded to those who do not exceed, with this scholarship contract, including possible renewals, an accumulated period of two years in that typology of the scholarship, followed or interpolated.

and

Requirement 2:

- Hold a master's degree in Biomedical Sciences or related field.

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, and any formalities established there must be fulfilled until the time of signing the contract.

Activity Outline: Development of control strategies for industrial biofilms using new chemical methods.



Legislation and regulations: Law Nº. 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 at the LEPABE (Laboratory for Process Engineering, Environment, Biotechnology and Energy) research unit, Department of Chemical Engineering of the Faculty of Engineering of the University of Porto (FEUP) of the Faculty of Engineering of the University of Porto (FEUP), under the scientific supervision of Professor Manuel Simões.

Grant duration: Initial duration of **3 months**, with the predicted starting date in November **2021**, on an exclusive basis eventually renewable but never exceeding the project duration.

The eventual renewal of the scholarship will be carried out as determined in article 6 of the Research Grants Regulation of the Foundation for Science and Technology, I.P.

Stipend: The grant stipend amounts to 1.104,64€ according to the table of values of the grants awarded directly by FCT, I.P. in the Country (<https://www.fct.pt/apoios/bolsas/valores>).

The payment will be made by bank transfer.

Selection procedure:

The curriculum evaluation (60%) of the candidates will be evaluated based on the merit of the candidate and the following factors will be assessed:

- a) Academic training Master in Biomedical Sciences or related field - 10 points; Others Masters – 2 points);
- b) Master final classification and/or Graduation + Master ≥ 16 values - 2 points; final classification < 16 values – 1 point;
- c) Publications in the area of medical and health sciences - 5 points; Publications in other areas – 2 points
- d) Research Experience in the project area – 3 points; in related areas – 2 points; Other areas – 1 point.

The curriculum of each candidate will be evaluated in a 1-20 points scale. Candidates with less than 13/20 points in the curricular evaluation will not be invited for the interview.

In the interview (40%) topics related with the work plan, experience and the candidate's CV will be discussed with the invited candidates.

Selection Jury:

President: Professor Manuel José Vieira Simões

Effective member: Doutora Anabela Portela Borges

Effective member: Doutora Inês Bezerra Gomes

Supplementary member: Doutor Nuno Miguel da Rocha Guimarães

Supplementary member: Professora Maria Fernanda Martins Borges

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 25-10-2021 to 08-11-2021 (until 23h59m, GMT time).

Applications must be formalized by email to mvs@fe.up.pt and to recursoshumanos@fe.up.pt, clearly stating the reference **FEUP- Biocide_for_Biofilm** and including the following pdf documents: Motivation letter, Copy of certificates evidencing academic degree (referring the classification of each separated or integrated degree), detailed Curriculum Vitae; Declaration on honor that the candidate fulfills the requirement contained in article 6 of the Regulation for Research Grants of the Foundation for Science and Technology, I.P. (model below, in case of students enrolled in a non-academic degree course integrated in the educational project of a higher education institution, developed in association or cooperation with one or more R&D units) and other documents considered relevant by the applicant.

In order to assure that all documents can be read, the preferred saving format is the Portable Document Format (.pdf).

Declaration on honour

I, (identification of the scholarship holder), holder of the Citizen Card / Visa / Residence Permit no. valid until _____, declare under honour, to be in the conditions of no. 5 of article 6º of the Research Grants from FCT, IP - Regulation No. 950/2019, of 16 December.

Oporto, __/__/__

Signature_____

(scholarship holder)