

1 Research Grant Announcement

Call open for applications for a research grant within the framework of project ERA-ARE “A new ERA for Environmental Risk Assessment: Chirality as a tool towards environmentally safe pharmaceuticals, financed by European Research Council Executive Agency (Project 101039270), under the following conditions.

The PhD studentship position will be carried out in the Faculty of Engineering at the University of Porto, in a young ambitious group that offers a great research environment. More information about the research group can be found on <https://sites.google.com/view/era-are/home>.

Scientific Area: Environmental Engineering

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 Environmental Engineering, Chemical and Biological Engineering or a related field, a requirement to be duly proven when signing the contract.

and

Requirement 2:

Hold a master’s degree in Microbiology, Biology, Environmental Engineering, Chemical and/or Biological Engineering, Bioengineering, Pharmaceutical Sciences, Biochemistry (preferential areas), or Chemistry, Medicinal Chemistry, Environmental Sciences, Water Quality, Quality Control, Toxicology, or related fields.

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:

- Biotransformation studies of antibiotics and their metabolites
- Ecotoxicity and bioaccumulation studies

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 University of Porto, in force.

Work place: The work will be developed at the Department of Chemical Engineering of the Faculty of Engineering of the University of Porto (FEUP), under the scientific supervision of Doctor Ana Rita Lado Teixeira Ribeiro.

Grant duration: Initial duration of 12 meses, with the predicted starting date in September of 2024, on an exclusive basis eventually renewable, but never exceeding the project duration.

If it is not possible to ensure the duration of 12 months estimated in the previous paragraph, this duration will be adjusted according to the end date of the project, and provided that the minimum duration of 3 consecutive months is guaranteed, in accordance with paragraph 2 of article 10 of the Research Regulation of Research Grants of University of Porto.

The eventual renewal of the scholarship will be carried out as determined in article 10 of the Regulation of Research Grants of University of Porto

Stipend: The monthly amount of the grant varies between 1,259.64 euros, according to the Research Grants of University of Porto, and 1,450.00 euros, depending on the profile and previous experience of the candidate in the project area. The payment will be made by bank transfer.

Selection procedure:

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

a) Academic training (Master in Microbiology, Biology, Environmental Engineering, Chemical and/or Biological Engineering, Bioengineering, Pharmaceutical Sciences, or Biochemistry – 5 points; Master in Chemistry, Medicinal Chemistry, Environmental Sciences, Water Quality, Quality Control, or Toxicology – 3 points; Others Masters – 2 points);

b) Final Classification of the Integrated Master or arithmetic average between the graduate and master degrees' grades:

- equal or above 15/20 in the preferential areas for which the call is open – 5 points; in related areas – 3 points;
- equal or above 14/20 in the preferential areas for which the call is open – 4 points; in related areas – 2 points;
- equal or above 13/20 in the preferential areas for which the call is open – 3 points; in related areas – 1 point.

c) Demonstrated research experience in:

- the area of microbiology, biodegradation, and ecotoxicity – 10 points,
- the area of microbiology, biodegradation, or ecotoxicity – 8 points,
- areas related to the project area – 6 points,
- in other research areas – 3 points;

The curriculum of each candidate will be evaluated in a 1-20 points scale. Candidates with less than 11 points in the curricular evaluation will not be invited for the interview (40%). In the interview topics related with the work plan, experience and the candidate's CV will be discussed with the invited candidates.



Selection Jury:

President: Doctor Ana Rita Lado Teixeira Ribeiro

Effective member: Professor Adrián Manuel Tavares da Silva

Effective member: Professor Olga Cristina Pastor Nunes

Supplementary member: Doctor Ana Margarida Gorito Gonçalves

Supplementary member: Doctor Olívia Salomé Gonçalves Pinto Soares

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 **04/07/2024 to 31/07/2024** (until 23h59m, GMT time).

Applications must be formalized by email to ritalado@fe.up.pt and to recursoshumanos@fe.up.pt, clearly stating the project reference (**FEUP-ERA_ARE4**) in the subject and including the following pdf documents:

- Motivation letter,
- Copy of certificates evidencing academic degree (referring the classification of each separated or integrated degree),
- Curriculum Vitae;
- 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).