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RESEARCH GRANT

Refª 2022.06128.PTDC /PeptiBiotics – BI_1

[Portuguese version](#)

It is open a call for the award of one Research Grant under the Project no. 2022.06128.PTDC, with the name “Antimicrobial Peptides isolated from new generation commensal probiotics”, financed in the form of non-refundable support and composed only of a State Budget component - OE, under the conditions referred to below.

Scientific Area: Biological Sciences – Microbiology and Molecular Biology

Admission requirements:

Candidates for the Research Fellowship must, at the date of application, be enrolled, or present proof of conditional enrolment in a non-degree course in the areas of Natural Sciences, Exact Sciences, or related fields. Candidates must have a master’s degree in Microbiology or related fields. Candidates must have excellent communication and interpersonal skills, as well as great teamwork abilities, strong organizational and time management capacities, initiative, rigor, autonomy and a strong sense of responsibility and work capacity, and they should also have a good level of English. Preference will be given to those candidates who have knowledge and experience in the areas of probiotics, anaerobic bacteria culture methods and in vitro simulated gastrointestinal models, as well as in the development of delivery systems of probiotics for human consumption.

Workplan:

The tasks to be developed by the Research Fellow are within the scope of an exploratory project, that aims to identify, produce and characterize antimicrobial peptides originally produced by commensal bacteria and potential next-generation probiotics. The Research Fellow will take part in



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the following tasks: 1) development of an in vivo expression system for antimicrobial peptides; 2) optimization of the small-scale production and purification procedures for the peptides to be characterized; 3) characterization of the obtained peptides in terms of bioactivity against pathogenic bacteria and cytotoxicity against cell line models; 4) application of the systems developed into food products for human consumption.

Applicable laws and regulations:

- Statute of the Scientific Research Fellow: <https://dre.pt/web/guest/legislacao-consolidated/-/lc/58216179/view?w=2019-08-28> ;
- Regulation of Research Grants of the Foundation for Science and Technology, I.P: <https://dre.pt/application/conteudo/127238533> ;
- Regulation of Research Grants of the Portuguese Catholic University: <http://www.porto.ucp.pt//sites/default/files/files/DRH/RegBolsasInvestigacao Cientifica UCP2020.pdf>

Workplace:

The work will be developed at the CBQF-Centre for Biotechnology and Fine Chemistry integrated in the School of Biotechnology, in Porto, under the scientific guidance of Prof. Doctor Ana Maria Gomes and Doctor Joana Cristina Barbosa

Duration of the scholarship:

The scholarship, starting on 01/01/2024, will have an initial duration of 6 months, on an exclusive basis. This scholarship may be renewed, and the additional period cannot exceed the type of scholarship and the end date of the project, scheduled for 08/31/2024.

Amount of the monthly maintenance allowance:



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The value of the scholarship corresponds to € 1 199,64 according to the values of the research grants awarded directly by FCT, I.P. in the Country (https://www.fct.pt/wp-content/uploads/2023/02/Tabela-de-Valores-SMM_2023.pdf) and will be paid by bank transfer.

Selection methods:

The selection methods to be used will be the following: i) curricular evaluation (60%); ii) previous experience (40%). The final decision, if necessary, may involve interviews with the highest positioned candidates, and in this situation the weighting will be: i) curricular evaluation (50%); ii) previous experience (30%); and iii) selection interview (20%).

Only candidates with a final classification equal to or greater than seventy-five points, on a scale of 0 to 100, will be selected for this position.

Applications that do not meet the admission requirements, are not submitted on time and incomplete applications will be considered illegible. It is mandatory to present the degree certificate with the respective final classifications.

Composition of the Selection Jury:

Prof. Manuela Pintado (President)

Prof. Ana Maria Gomes (Effective member)

Dr. Joana Cristina Barbosa (Effective member)

Dr. Clara Sousa (Substitute member)

Form of publicity / notification of results:

The jury deliberates according to the selection criteria adopted and disclosed. The report of the jury meetings shall contain a summary of the content of the meeting. After the application of the selection criteria, the jury proceeds to the preparation of the ordered list, with the ordering of the



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successful candidates. The ranking list of eligible candidates will be published at the premises of the Portuguese Catholic University in Porto, located at Rua de Diogo Botelho, 1327, 4169-005 Porto - Portugal, and each candidate will be notified of their position in the list of candidates via e-mail. Ineligible applicants will be notified by email, with details of the missing eligibility elements.

Complaint and redress procedures:

Candidates have a period of ten working days, after the disclosure referred to in the previous paragraph, to manifest themselves in a prior hearing.

Deadline for acceptance of the scholarship:

Within ten working days after notification of the award of the scholarship, the selected candidate must confirm in writing his availability to start the scholarship on the proposed date. If you do not do so or do not have availability, the candidate placed in the next position will be called.

Deadline for registration and form of submission:

Applications will be accepted from **November 14th, 2023, until November 28th, 2023, 23:59, (Lisbon time).**

Applications must be made through the Application Form available at:

<https://hr-ucpporto.inqueritos.porto.ucp.pt/139929?lang=en>, through which the following

documents must be submitted:

1. Cover letter, identifying the title and reference of the project, describing the motivation and professional goals of the candidate.
2. Detailed Curriculum Vitae (should contain all elements to assess admission requirements, including language skills and research experience).
3. Copy of the certificate(s) of qualifications that confer an academic degree under the terms requested in the notice, which contain the final classifications.



4. Record of recognition of academic degrees awarded by foreign higher education institutions and record of the conversion of the corresponding final classification to the Portuguese classification scale.¹
5. Proof of enrollment in a course that does not lead to an academic degree or Declaration of commitment to enroll in a course that does not lead to an academic degree under the terms referred to in the admission requirements.²

Only applications received during the opening period of the said competition will be considered. Candidates who incorrectly formalize their application or who do not prove the requirements of this competition are excluded. False statements made by candidates will be punished under the law.

Contract

The contract model to be used will be in accordance with the FTT scholarship draft contract made available on

https://ucppt-my.sharepoint.com/:w/g/personal/ccabral_ucp_pt/EZcpJcEQtpCqvGaCIVKTS0BBcsZvXYif2YroODpHafSow?e=0kpEd7

Reports to be presented by the scholarship holder and advisor:

The final report template to be prepared by the grantee is available at the following link:

https://ucppt-my.sharepoint.com/:w/g/personal/ccabral_ucp_pt/ESnbf2LTfxFGj8NsKVEAe3iBi00sddFg238I4P7ziYmXTw?e=DV2Vqx

The report template to be carried out by the supervisor and the respective evaluation criteria is available at the following link:

¹If the required academic degree has been conferred by a foreign higher education institution, it must comply with the Portuguese legislation on the recognition of foreign degrees, regulated by DL no. 66/2018 of 16 August.

Applicants are advised to consult the website of the Directorate-General for Higher Education (DGES) for additional information on this matter: <https://www.dges.gov.pt/pt/pagina/reconhecimento>

² Candidates are given the possibility, at the application stage, to submit only a declaration of commitment to enroll in a course that does not confer an academic degree under the terms mentioned above. If the candidate is selected, the delivery failure of the effective enrollment document for the course, within ten working days, following the date of communication of the selection, will be considered as withdrawal of the candidate for the scholarship investigation for which you were selected



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<https://ucppt->

my.sharepoint.com/:w/g/personal/ccabral_ucp_pt/ERYDFMVUybtPiCvIzJ8VHGoBs1g7VaULFkW_H9Aq2tSDSw?e=ROWDHS

Privacy Policy

Universidade Católica Portuguesa is the Data Controller pursuant to Regulation (EU) 2016/679 (General Data Protection Regulation).

The personal data processed in the scope of this recruitment competition are intended for the instruction of the same, and will be processed by the Portuguese Catholic University for the purpose of verifying the fulfillment, by the candidates, of the assumptions established in the applicable legislation for their hiring. Opposition to the processing of data by candidates will make it impossible to admit the application and, therefore, to analyze and evaluate it.

The personal data of the Holder, if this is indispensable for the fulfillment of the obligations of the Portuguese Catholic University, may be transmitted to third parties, namely, to the Funding Entities identified in this Notice.

The period of retention of the data will correspond to the period of five years legally defined.

The Data Subject has the right to object to the collection and processing, to verify, correct, delete and limit the use of the data collected. The exercise of these rights is exceptional when your personal data are used to safeguard the public interest, in particular in cases of detection and prevention of crimes, or when they are subject to professional secrecy.

The Data Subject has the right of access and portability of the data.

Rights of the Holder of the Personal Data: <https://www.ucp.pt/pt-pt/direitos-do-titular-dos-dados>.

For the exercise of their rights, contact the University through the e-mail address compliance.rgpd@ucp.pt or to the address identified at the end of this Notice in "Contacts for clarification". The Data Subject always has the right to contact and address a complaint to the National Data Protection Commission.

Non-discrimination and equal access policy

The Portuguese Catholic University actively promotes a policy of non-discrimination and equal access, so that no candidate may be privileged, benefited, harmed or deprived of any right or



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exempt from any duty due to, in particular, ancestry, age, gender, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic heritage, reduced working capacity, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions and trade union membership.

Contacts for clarification:

Universidade Católica Portuguesa – Centro Regional do Porto

Rua de Diogo Botelho, 1327

4169-005 Porto, Portugal

Direção de Recursos Humanos

drh.recrutamento.porto@ucp.pt

Porto, November 13th, 2023

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