

CALL FOR APPLICATION FOR A RESEARCH SCHOLARSHIP

Refª CardioNIR BI-1

[Portuguese version](#)

A call for tenders is now open for the attribution of one Research Scholarship within the scope of the project 'CardioNIR – Cardiovascular Near-Infrared Spectroscopy probing" (PTDC/EMD-EMD/3822/2021), a underway at the Centro de Biotecnologia e Quimica Fina (CBQF), Escola Superior de Biotecnologia, Universidade Catolica Portuguesa, financed by national funds through the Fundação para a Ciência e a Tecnologia, I. P., under the following conditions:, under the following conditions, set out below.

Scientific area: Medical Engineering/Clinical Medicine - Cardiac and Cardiovascular Systems

Admission requirements: Applicants for the Research grant must, at the time of application, be registered or present proof of conditional registration in a master's degree in Medicine or Biomedical Engineering. Candidates must have good command of the English language and a graduation in Medicine or Biomedical Engineering, experience in signal analysis (spectroscopy) and experience in developing predictive models (statistics).

Work Plan:

The purpose of this contract is to perform the following tasks:

- a) Analysis of molecular profiles by DBS (dried blood spot) using the technique of infrared spectroscopy in human and animal samples (blood, plasma and serum);
- b) Analysis of metabolites by LC-MS and/or HPLC;
- c) Development and application of predictive models;
- d) Design of a database (SQL) with clinical and molecular information.

It is expected that the scholarship holder participates in the various stages of the project, including in the support in administrative and research tasks, namely, in the literature review, research data collection and analysis, writing reports and other documents for dissemination of results, such as writing articles for international journals with peer review.

Applicable legislation and regulations:

- Statute of the Scientific Research Fellow: <https://dre.pt/web/guest/legislacao-consolidada/-/lc/58216179/view?w=2019-08-28>;

- Regulation of Research Scholarships of the Science and Technology Foundation, I.P.: <https://dre.pt/application/conteudo/127238533>;
- Regulation of Research Scholarships 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 Universidade Católica Portuguesa, in Porto, under the scientific guidance of Antonio Cesar da Silva Ferreira. However, field trips are planned to different destinations in the city of Porto with the objectives of (i) data collection (ii) implementation of activities that are part of the project's work plan.

Duration of the scholarship:

The scholarship scheduled to start on 01/11/2022 will have a duration of 12 months on an exclusive basis.

Monthly maintenance allowance amount:

The amount of the scholarship corresponds to 875,98€ according to the research scholarship values awarded directly by FCT, I.P. in the Country (<https://www.fct.pt/apoios/bolsas/valores.phtml>) and will be paid by bank transfer.

Selection methods:

The selection methods to be used will be as follows: i) curricular evaluation (40%); ii) previous experience (60%). The final decision, if necessary, may involve interviews with the best positioned candidates, and in this situation, the weighting will be curriculum evaluation (35%); ii) previous experience (50%) and selection interview (15%).

Applications that do not meet the admission requirements, delivered on time and incomplete applications will be considered ineligible.

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Composition of the Selection Jury:

Professor Doutora Manuela Pintado (President)

Professor Doutor Antonio Cesar da Silva Ferreira (Effective member)

Professora Doutora Ana Oliveira (Effective member)

Professor Doutor Antonio Rangel (Substitute member)

Form of advertising/notification of results:

The jury deliberates in accordance with the selection criteria adopted and disclosed. The jury meetings minutes will contain a summary of the meeting content. After completing the application of the selection criteria, the jury proceeds with the elaboration of the ordered list, with the ranking of the approved candidates. The ranking list of eligible candidates will be published on the premises of the Universidade Católica Portuguesa, in Porto, located at Rua de Diogo Botelho, 1327, 4169-005 Porto - Portugal, with each candidate being notified of his/her position on the list ranking of candidates via email. Ineligible applicants will be notified by email, with details of the missing eligibility elements.

Complaint and appeal procedures:

Candidates have a period of ten working days, after the disclosure referred to in the previous number, to give their opinion at a prior hearing.

Deadline for acceptance of the scholarship:

Within ten working days following notification of the grant award, the selected candidate must confirm in writing his/her availability to start the scholarship on the proposed date. Failing to do so or not having availability, the candidate placed in the next position will be called.

Application deadline and form of submission:

Applications will be accepted from September 12th until September 26th 2022 (at 11.59 pm, Lisbon time). Applications should be made through the [Application Form](https://inqueritos.porto.ucp.pt/hr/index.php?r=survey/index&sid=866889&lang=en) available at:

<https://inqueritos.porto.ucp.pt/hr/index.php?r=survey/index&sid=866889&lang=en> through which the following documents should be submitted

- 1) Cover letter, identifying the title and reference of the project, describe the motivation and professional objectives of the candidate.
- 2) Detailed Curriculum Vitae (should contain all the elements to assess the admission requirements, including language knowledge and research experience).
- 3) Copy of the certificate(s) of qualifications conferring academic degree in 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/enrollment in a Higher Education Institution in study cycles leading to an academic degree.

Only applications received during the opening period of the above-mentioned call shall be considered.

Candidates who incorrectly formalize their application or who do not prove the requirements of this call are excluded. False statements made by applicants will be punished under the law.

Documentation to be provided for contracting

The following documents must obligatorily be sent, when the grant is granted, for the purpose of contracting it:

- a) Copy of the civil and fiscal identification document(s)²;
- b) Copy of the qualification certificates of the academic degrees held;
- c) Presentation of the registration of recognition of foreign academic degrees;
- d) Document proving enrollment in the course leading to the academic degree identified in this Notice;
- e) Declaration of the supervisor(s) assuming responsibility for supervising the work plan, pursuant to article 5-A of the Research Fellowship Statute;
- f) Updated document proving compliance with the exclusive dedication regime,

Contract

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

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 The availability of these documents may be replaced, at the option of the applicant, by face-to-face presentation to the funding entity, which will keep the elements contained in them that are relevant to the validity and execution of the contract, including civil, tax, and social security identification numbers, as well as the validity of the respective documents.

https://ucppt-my.sharepoint.com/:w:/g/personal/ccabral_ucp_pt/EZcpJcEQtpCqvGaCIVKTS0BBcsZvXYjf2YroODpHafSow?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/ESnbf2LTfxFGj8NsKVEAe3IBi00sddFg238l4P7ziYmXTw?e=DV2Vqx

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

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

Privacy Policy:

Universidade Católica Portuguesa is the controller responsible for the processing of Personal Data in accordance with Regulation (EU) 2016/679 – General Regulation on Data Protection.

The personal data processed in the scope of this tender procedure is processed within the framework of said tender procedure only, and will be processed by Universidade Católica Portuguesa with the purpose of verifying the fulfilment, by the candidates, of the assumptions established in the applicable legislation for their contracting. Opposition to the processing of data by the candidates will make it impossible to accept the application and, therefore, to analyze and evaluate it.

The personal data of the Data Subject, if it be indispensable for the fulfilment of the obligations of Universidade Católica Portuguesa, may be conveyed to third parties, namely to the Financing Entities identified in this announcement.

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

The Data Subject is entitled to oppose to the collection and processing of data, has the right to verification, the right to rectification, the right to deletion, and the right to restriction of processing of the data collected. However, the exercise of such rights may be excluded when the personal data is used to protect public interest, namely in the detection and prevention of crimes or when subject to professional rules of confidentiality.

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

Rights of Personal Data Subjects: <https://www.ucp.pt/rights-data-subjects> .

For purposes of exercising the respective rights, contact the University through the e-mail address compliance.rgpd@ucp.pt or by using the address found at the end of this announcement, through the means set out in "Contacts for clarification".

The Data Subject is always entitled to contact and file a complaint with the Comissão Nacional de Proteção de Dados (Portuguese Supervisory Authority for Personal Data).

Non-discrimination and equal access policy:

Universidade Católica Portuguesa actively promotes a non-discrimination 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, gender, sexual orientation, marital status, family status, family and economic conditions, instruction, social origin or condition, genetic heritage, reduced working capacity, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions, and union membership.

If you have any questions about this position, please contact:

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, September 08,2022