

PUBLIC NOTICE/0087/2022

ANNOUNCEMENT FOR THE OPENING OF AN INTERNATIONAL SELECTION TENDER PROCEDURE FOR DOCTORATE HIRING

PURSUANT TO DECREE-LAW NO. 57/ 2016 OF 29 AUGUST

Internal Reference: CI_R#3.12

[Portuguese version](#)

1. Framework

The Rector of Universidade Católica Portuguesa, Prof. Dr. Isabel Capelo Gil hereby announces the opening of an international selection tender for one vacancy of doctorate researcher to perform duties of scientific research, in exclusive commitment, in the scientific field of Exact Sciences and Engineering valorization of industrial fermentation residues/by-products within the framework of the Alchemy project (PT2020/POCI n.º 27578), to be carried out at CBQF - Centre of Biotechnology and Fine Chemistry integrated at the Faculty of Biotechnology of Universidade Católica Portuguesa, in Porto. This project is co-financed by Portugal 2020 under the Operational Programme for Competitiveness and Internationalization through the European Regional Development Fund (FEDER).

This project, running until 06/30/2023, has as its main objective the valorization of industrial by-products from the US Amyris Company, via the development of innovative products for the pharmaceutical and cosmetic areas, for human and animal food, for agro-chemistry, and for materials.

2. Applicable legislation

Decree-Law no. 57/2016 of 29 August, amended by Law no. 57/2017 of 19 July), which approved the doctorate hiring regime destined to stimulate scientific and technological employment for all knowledge areas (RJEC), without prejudice to the specific regulations applicable to Universidade Católica Portuguesa.

3. Workplace

The workplace is located on the premises of Universidade Católica Portuguesa, in Porto.

4. Remuneration

Gross monthly remuneration to be paid is 2.153,94 euros, plus meal allowance. To these amounts are added annual holiday and Christmas allowances.

5. Admission requirements

Any national, foreign, and stateless candidate(s) who hold a doctorate degree in Biotechnology, Pharmaceutical sciences, Biological Engineering, Biochemistry, Chemical Engineering, or related scientific fields, and a scientific and professional curriculum whose profile is suited for the activities to be performed, can submit their applications.

In the event the doctorate degree was awarded by a foreign higher education institution, said degree must comply with the provisions of Portuguese law on the recognition of foreign degrees. For those purposes, the requirements described in **point no. 11** of this notice must be considered.

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Applicants' CVs must demonstrate:

- R & D activity of at least 3 years after PhD conclusion;
- Research activity in the valorization of industrial residues/by-products and in the development of new products for Cosmetic, Pharma or Biomedical applications;
- Experience in micro- and nanotechnologies with research work performed on the development of active and smart systems (including micro- particles, capsules and emulsions) for controlled delivery of biomolecules. Preference will be given to candidates with experience in mathematical modelling as a tool to predict the release behaviour of biomolecules from those systems;
- Experience in the development of hydrogels and lipophilic gel-based patches for delivery of cosmetic and dermatological bioactives;
- Knowledge in characterization techniques associated with the validation of the performance of these materials, including, but not limited to, Calorimetry, Thermogravimetry, Fourier transform infrared spectroscopy, Chromatography, Rheology, Dynamic light scattering, Mastersizer, X-ray powder diffraction, Texture Analyser, Scanning electron microscopy, Nuclear magnetic resonance;
- Previous experience in the supervision of Ph.D. and MS.c. students and fluently in English at independent/proficient level will be considered an advantage. In addition, we are looking for candidates with the following characteristics: ability to work effectively in a team environment, excellent interpersonal skills, ability to make informed decisions and implement highly organized and detailed recommendations, ability to prioritize various tasks, ability to work independently and to meet deadlines.

6. Selection process

Selection process must comply with article 5 of RJEC.

6.1. The assessment of the scientific and curricular background (APCC) focuses on the three factors described below. Candidate final classification is calculated by weighing in each factor as follows, always taking into account that for each item only the activity relevant to the scientific field of the present tender (referred to in item 5.) will be considered:

$$\text{APCC} = 0,6 \text{ PC} + 0,2 \text{ AI} + 0,2 \text{ II}$$

6.1.1. Scientific production (PC)

Scientific production (PC) of the last five years will be evaluated at quantitative and qualitative levels. This evaluation will be based on the preferences enumerated in section 5.

The evaluation will consider scientific articles in ISI journals, technical journals, as well as papers published in events, books, chapters, and oral presentations at events. In the application form, the applicant must provide information about the DOI (Digital Object Identifier) number or ISBN (International Standard Book Number) of up to 5 articles, works, books, and chapters as well as a summary/proof of the oral presentations that the candidate considers most relevant for this application.

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6.1.2. Research and management (AI)

Applied or practice-based research activities developed over the last five years as well as dissemination and management activities developed during this period will be evaluated. This includes: **(i)** coordination and participation in R&D projects as project team member; **(ii)** performance of scientific and technology transfer services; **(iii)** participation in science management and knowledge dissemination activities, including the organization of conferences, symposia, and scientific cooperation activities; and **(iv)** patents or other R&D and innovation indicators.

6.1.3. Extension activities - interaction with industry (II)

Interaction with industry activities deriving from a professional career in industry, interaction with industry in the context of innovation projects' development, scientific services for industry, as well as other types of interaction with industry considered relevant by the candidate, will be evaluated.

6.2. Interview (E)

The candidates who rank in the first three positions will be interviewed (E), in order to clarify aspects related to the results of their research. Applicants will be asked to make a 10-minutes PowerPoint presentation, in which they demonstrate the contributions to this parameter.

Applicants who are interviewed will be assigned a new classification in addition to the initial one that will be based on the following formula:

$$\text{Final classification} = 0,9 \text{ APPC} + 0,1 \text{ E}$$

7. Tender selection panel

Pursuant to article 13 of RJEC, the tender selection panel shall be formed by:

President of the Jury: Prof. Dr. Manuela Pintado.;

Other members: Dr. Oscar Ramos, Dr. Alessandra Ribeiro; Dr. Carla Pereira.

8. Deliberation

The panel shall deliberate by means of roll-call vote justified under the adopted and disclosed selection criteria, with no abstentions allowed. Minutes of panel meetings shall be executed and shall include a summary of all occurrences of said meeting, as well as of all votes casted by the members and respective reasoning. After selection criteria application, the panel shall prepare a sorted list of approved candidates and respective classification. The panel's final decision shall be validated by the leader of the institution, who is also in charge of deciding about the hiring. The ranked list of approved candidates will be posted at the facilities of Universidade Católica Portuguesa at Porto, located at Rua Diogo Botelho, nº 1327 - 4169-005 Porto, Portugal, and will also be advertised on the website <http://www.porto.ucp.pt/en/alchemy?msite=4>. Candidates will be notified by email once this list is made available.

9. Preliminary hearing and final decision deadline

After being notified, all candidates have 10 working days to respond. The panel's final decisions are pronounced within the next 5 working days, following the candidates' deadline.

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10. Application formalization

Applications are formalized by completing the [application form](https://inqueritos.porto.ucp.pt/hr/index.php?r=survey/index&sid=595426&lang=en) available at <https://inqueritos.porto.ucp.pt/hr/index.php?r=survey/index&sid=595426&lang=en>

Applications are submitted in English.

Applications shall include the following documents:

- Curriculum vitae using the available [CV model](http://www.porto.ucp.pt/sites/default/files/files/UEI/ModeloCV_Set2018Researcher.docx) (http://www.porto.ucp.pt/sites/default/files/files/UEI/ModeloCV_Set2018Researcher.docx);
- Certificate of completion of the PhD, indicating the date of its conclusion;
- If the PhD is issued by foreign higher education institutions, the candidate must submit the PhD Recognition Certificate or proof of the application for recognition in accordance with Portuguese law.

If the Doctoral Degree has been awarded by a non-Portuguese higher education institution it must comply with the provisions of the Portuguese legislation on the recognition of foreign degrees, regulated by Decree-Law no. 66/2018 of August 16th. The signature of the contract is conditional on the presentation of the formal document.

Applicants are advised to check the website of the Directorate-General for Higher Education (DGES) for further information: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.

11. Application deadline

Candidates may submit their applications in the terms mentioned in the previous point, from **11-09-2022** until **11-23-2022** (until 5 pm Lisbon time).

All candidates who formalize their applications in an improper way or fail to prove the requirements imposed by this tender are excluded from admission. In case of doubt, the panel is entitled to request any candidate to present further documentation supporting their statements. Failure to submit any clarifications, information or documents that are requested within 5 working days means the withdrawal of the application.

False statements provided by the candidates shall be punished by law.

12. 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 fulfillment, 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 fulfillment 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.

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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).

13. 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.

14. Final remarks

This tender is exclusively destined to fill this specific vacancy and can be terminated at any time until approval of final candidate list, expiring with the respective occupation of said vacancy. This invitation to tender and the contract concluded as a result of it will only take effect if financing conditions are fulfilled. This tender procedure can be canceled when it is vacant; when any case of force majeure occurs; when reasons of a budgetary nature, occurring after the opening of the competition, determine it.

15. Contacts for clarification

Universidade Católica Portuguesa – Centro Regional do Porto

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