

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

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

Internal Reference: CI_R#1.22

1. Framework

The Rector of Universidade Católica Portuguesa, Prof. Isabel Capelo Gil deliberated the opening of an international selection tender for one vacancy of Researcher to perform duties, in an exclusive dedication, to the exercise of scientific research activities, in the scientific area of Biotechnology to the development of Research and Development activities in the valorization of industrial fermentation residues/by-products on the Alchemy project (PT2020/POCI n.º 27578) to be developed in the CBQF - Centre of Biotechnology and Fine Chemistry located at the Faculty of Biotechnology of Universidade Católica Portuguesa (ESB), at 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, with a first phase running until 31/12/2022, has as its main objective the valorization of industrial by-products from the US *Amyris* Company, through the development of innovative products for the pharmaceutical and cosmetic areas, human and animal food, agro-chemistry and materials.

2. Applicable Legislation

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

3. Workplace

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

4. Remuneration

Gross monthly remuneration to be paid is 2.128,34 euros, plus meal allowance. To these amounts are added annual holiday and Christmas allowances.

5. Admission requirements

Applicants may be national, foreigners and stateless candidates who are holders of a PhD in Biotechnology, Pharmaceutical sciences, Bioengineering, Biological Engineering, Biochemistry, and related areas.

If the PhD has been awarded by a non-Portuguese higher education institution, it must comply with the provisions of the Portuguese law on recognition of foreign degrees, for this purpose, the one described in point 10 of this Notice must be considered.

5.1. Preference will be given to:

- R&D activity of at least 5 years (years dedicated to PhD research activities included);
- In the evaluation of the scientific and curricular course, preference will be given to candidates with research activity in the valorization of industrial residues/by-products and in the development of new products for agri-food and biomedical applications.
- Strong background on micro- and nanotechnologies having performed research work on the development of active and intelligent delivery systems (including hydrogels, capsules, emulsions) from polysaccharides for controlled delivery of bioactive molecules is essential. Experience in the functionalization of micro- and nanostructures is required.
- It is expected that the candidate has knowledge on a variety of instrumentation and methods of analysis including, but not limited to, calorimetry, thermogravimetry, Fourier transform infrared spectroscopy, chromatography, spectroscopy,

rheology, dynamic light scattering. In addition, experience in biological properties characterization techniques such as antimicrobial, antioxidant, prebiotic, antitumoral and antihypertensive will be considered an advantage.

- Previous experience as research supervisor or co-supervisor of BSc or MSc students and fluency in English at independent/proficient level will be considered a plus. In addition, we look for candidates with the following characteristics: ability to work effectively in a team environment (as leader and participant), with excellent interpersonal skills, ability to make informed decisions and implement highly organized and detailed recommendations, with the ability to prioritize various tasks, 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 strands described below and the final classification is obtained by the following formula, being given greater importance in each of the strands to the activity in the area of preference referred in item 5.1:

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

6.1.1. Scientific Production (PC)

Scientific production (PC) of the last five years is quantitative and qualitative evaluated. This evaluation will be based on the preferences enumerated in section 5.1,

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

6.1.2. Research and Management (AI)

The activities of applied or practice-based research developed over the last five years as well as dissemination and management activities developed during this period of time are evaluated. This includes: **(i)** coordination and participation in R&D projects as project team member; **(ii)** performance of scientific services and technology transfer; **(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)

The activities of interaction with industry from professional career in industry, interaction with industry in the context of development of innovation projects, scientific services for industry as others considered relevant by the candidate will be evaluated.

6.2. Interview (E)

An interview will be held for the candidates who are classified in the first three positions, which is intended to clarify aspects related to the results of their research. Candidates are asked to present a 10 minute Powerpoint presentation in which they exemplify 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. Composition of the Jury

Pursuant to article 13 of RJEC the jury of the contest has the following composition:

President of jury: Prof Dr Manuela Pintado; others members: Dr Óscar Ramos and Dr Raquel Madureira.

8. Deliberation

The jury deliberates by means of nominal votes based on the selection criteria adopted and published with abstentions not allowed. Jury meeting minutes are drawn up, containing a summary of what was discussed, as well as the votes cast by each of the members and respective substantiation. After completing the application of the selection criteria, the jury prepares the ranked list of successful candidates. The jury's final decision is approved by the maximum responsible 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 Arquiteto Lobão Vital, Nº 172, 4200-374 Porto and advertised on the website <http://www.porto.ucp.pt/en/alchemy?msite=4>. Candidates are advised by email of the availability of this list.

9. Prior Hearing and deadline for the Final Decision

After reporting the results, the candidates have 10 working days to issue a decision. The final decision of the selection board shall be given within the next 5 working days, after the candidates' deadline.

10. Application formalization

Applications are formalized by completing the [application form](http://www.porto.ucp.pt/en/alchemy?msite=4) available at <http://inqueritos.porto.ucp.pt/site/index.php/124525/lang-en>

Applications are submitted in English.

The application is accompanied by 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 completion which must be submitted as an attached to the form referred to in the previous point and following the instructions defined therein;

If the doctorate has been awarded by a non-Portuguese higher education institution it must comply with the provisions of the Portuguese legislation on recognition of foreign degrees, regulated by Decree-Law no. 66/2018 of August 16. In case the candidate is selected the signature of the contract is conditional on the presentation of the formal document. Applicants are advised to consult 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. Term of candidature

The candidates present their application in the terms mentioned in the previous point from **18-01-2019** until **06-02-2019** (until 5 pm, Lisbon time).

Candidates who formalize their application incorrectly or who do not prove the requirements of this competition are excluded from admission to the contest. The jury has the power to require any candidate, in case of doubt, to present documents proving their statements.

Failure to submit any clarifications, information or documents that are requested within 5 working days means the withdrawal of the application

The false statements made by the candidates will be punished according to the 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 context of this tender procedure is processed within the scope 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 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 of access, the right to rectification, the right to erasure, the right to restriction of processing and the right to data portability 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. For the exercise of their rights, candidates must contact the University or the Data Protection Officer through the means identified in "contacts for clarification".

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 identified 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

The Universidade Católica Portuguesa actively promotes a policy of non-discrimination and equal access, so that no candidate can be privileged, benefited, harmed or deprived of any right or exempted from any duty in age, gender, sexual orientation, marital status, family status, economic situation, education, 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 trade union membership.

14. Final remarks

The present competition is exclusively destined to fill the indicated vacancy and can be terminated until the homologation of the list of final ordering of the candidates and expiring with the respective occupation of the job on offer.

This invitation to tender and the contract concluded as a result of it will only take effect if financing conditions are fulfilled. This contest can be canceled when it is deserted; 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

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