



Reference: REQUIMTE 2022-55

Main research field: Medicinal Chemistry

Sub research field: Pharmaceutical Chemistry

1. The Board of Directors of REQUIMTE – Rede de Química e Tecnologia – Associação, has decided to open an international call for positions of PhD holder Researchers, under a work contract for a non-fixed term. This announcement is intended to 1 (one) research position (**Reference REQUIMTE 2022-55**) on the project EXPL/MED-QUI/0815/2021 - “Screening and pharmacological characterization of flavonoids as lead compounds for obesity treatment” supported by National Funds by FCT/MCTES, in the scientific area of Medicinal Chemistry, under a work contract for a non-fixed term, aiming the execution of assays for pharmacological characterisation of flavonoids as anti-obesogenic molecules.

2. Applicable Legislation

Decree-Law no. 57/2016 of August 29th, amended by Law 57/2017 and Regulatory Decree No. 11- A / 2017 which approved the doctorate hiring regime destined to stimulate scientific and technological employment for all knowledge areas (RJEC); Portuguese Labour Code, approved by Law 7/2009 of February 12, in its actual form.

3. Pursuant to article 13 of RJEC, the tender selection panel is be formed by: Eduarda das Graças Rodrigues Fernandes (Associate Professor with Aggregation of the Faculty of Pharmacy of the University of Porto, President of the Jury Delegated by the Director of REQUIMTE), Alberto da Nova Araújo (Associate Professor with Aggregation of the Faculty of Pharmacy of the University of Porto) and Marisa Andreia Carvalho Freitas (Assistant Researcher of REQUIMTE).

4. The workplace shall be at: Laboratory of Applied Chemistry, Department of Chemical Sciences, Faculty of Pharmacy, University of Porto.

5. Monthly remuneration to be paid is the one set by article 23 (3) of RJEC, corresponding to level 33 of the Single Salary Table, approved by Order no. 1553-C/2008 of December 31st, i.e. 2.153,94 Euros.

6. Application can be submitted by any national, foreign and stateless candidate(s) holding a doctorate degree in Pharmaceutical Sciences and a scientific and professional curriculum whose profile is suited for the activity described below (item 7).

In case the doctorate degree was awarded by a foreign higher education institution, it must comply with the provisions of Decree-Law no. 341/2007 of October 12th, and all formalities established therein must be complied with at the signature of work contract.

7. The tender admission general requirements are those defined in the previous point 6, and additional specific requirements are:

7.1 To have publications in journals of international circulation in the areas of Medicinal Chemistry and related areas, totaling more than 15 publications (SCOPUS), translated by an h-index of at least 11 (SCOPUS) and participation in at least three financed projects by national or international entities.

8. Pursuant to article 5 of RJEC, the selection is to be made based on the evaluation of the scientific and curricular career of the candidate.

9. Scientific and curricular career evaluation focuses on relevance, quality and up-to-datedness:

- a) of scientific, technological, cultural or artistic production considered most relevant by the candidate;
- b) of research activities, fundamental or applied science, considered of higher impact by the candidate;
- c) Participation in funded scientific projects, considered of greater relevance by the candidate;
- d) Experience in the supervision and qualification of human resources, including the supervision of students, as well as participation in juries of academic examinations.

10. Evaluation criteria are the following:

The evaluation of the CV of the candidates, in particular the scientific merit and research experience will take into consideration the presented elements of activity falling within the scope of the specific areas of the tender (see Point 1) and will be performed according to the following criteria:

10.1 Integrated assessment of the curriculum trajectory of the candidate, based on an overview of their scientific merits, namely:

- I. Overall scientific coherence of the CV – 10%;
- II. Diversity and quality of scientific indicators, including relevant published peer-reviewed articles and abstracts in the specific areas of the announce (see point 1) or that demonstrate technical and scientific skills relevant for the role- 20%;
- III. Participation in funded research projects - 10%;
- IV. Experience in the supervision and qualification of human resources, including supervision of students (first, second and third cycles of studies) - 5%.
- V. Participation in juries of academic examinations - 5%.

10.2 Relevant experience, proved in CV, in:

- I. Manipulation of cell cultures of pre-adipocytes 3T3-L1 - 15%;
- II. Assays to evaluate important signalling pathways in the obesity milieu (MAPK, NF-kB, inflammatory cytokines) - 15%;
- III. Protein and nucleic acid expression evaluation methods (western blot and qRT-PCR) and flow cytometry - 20%.

Only candidates who obtain a classification equal to or greater than 50% in the parameters indicated at points 10.1 and 10.2 will be eligible.

11. There will be no place for interview.

12. Candidate final classification system shall be given based on a scale 0 to 100.

13. The panel shall deliberate by means of roll-call vote justified under adopted and disclosed selection criteria, with no abstentions allowed.

14. Minutes of panel meetings shall be executed and include a summary of all occurrences of said meeting, as well as of all votes casted by the members and respective reasoning and shall be provided to candidates whenever required.

15. After selection criteria application, the panel shall prepare a sorted list of approved candidates and respective classification.

16. Panel's final decision shall be validated by the leader of the institution, who is also in charge of deciding about the hiring.

17. Application formalization:

17.1. The applications are formalized at the electronic address <https://www.requimte.com/> with following documents in a digital form, in PDF format:

- i) Curriculum vitae;
- ii) Motivational Letter;
- iii) Qualifications Certificate;
- iv) other relevant documentation.

17.2. The application period is from **29/11/2022 to 14/12/2022.**

18. 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.

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

20. Both admitted and excluded candidate list and final classification list shall be published at the address of REQUIMTE (Praça Coronel Pacheco nº 15-6º andar, Porto), in the website of the Institute and the selected candidate shall be notified by email.

21. Preliminary Hearing and Final Decision Deadline: After publication, all candidates have 10 working days to respond. Panel's final decisions are pronounced within a period of 90 working days, from response period deadline.

22. This tender is exclusively destined to fill this specify position and can be terminated at any time until approval of final candidate list, expiring with the respective occupation of said position.

23. Non-discrimination and equal access policy: ICETA 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, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

24. The panel has approved this announcement in meeting held on 25/11/2022.

25. According to Decree-Law no. 29/2001 of 3 February, disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honor, their respective disability degree, type of disability and communication/expression means to be used during selection period on their application form, under the regulations above.