



**Reference: REQUIMTE 2022-01**

**Main research field:** Health Sciences

**Sub research field:** Molecular Toxicology

1. The Board of Directors of REQUIMTE – Rede de Química e Tecnologia – Associação, has decided to open an international call for position of PhD holder Researcher, under a work contract for a non-fixed term. This announcement is intended to 1 (one) research position (**Reference REQUIMTE 2022-01**) to pursue scientific research activities in the area of Health Sciences and sub-area of Molecular Toxicology, under a work contract for a non-fixed term, at Unidade de Ciências Biomoleculares Aplicadas - UIDP/QUI/04378/2020, with the financial support of the FCT/ MCTES through national funds, in order to assess, using Molecular Biology techniques, the mechanistic signatures of substances of abuse, as well as the safety profiling of pharmacologically active drugs.

## **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: Félix Dias Carvalho (Full Professor, Faculty of Pharmacy, University of Porto, by delegation of the President of REQUIMTE, acting as chairperson), Helena Maria Ferreira da Costa Ferreira Carmo (Assistant Professor, Faculty of Pharmacy, University of Porto) and Fernando Manuel Gomes Remião (Associate Professor with Aggregation, Faculty of Pharmacy, University of Porto).

4. The workplace shall be at the Toxicology Lab, 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. 2.134,73 Euros.

6. Application can be submitted by any national, foreign and stateless candidate(s) holding a doctorate degree in Biology, Biochemistry, Toxicology, Pharmaceutical Sciences, and related fields 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 Decreto-Lei n.º 66/2018, de 16 de Agosto, and all formalities established therein must be complied with at the signature of work contract.

7. The tender admission requirements are those defined in the previous point 6, and specific requirements are proven experience in the areas of Molecular Toxicology, with particular expertise in cell culture handling, toxicity assays, and biochemical and molecular biology analysis, including Western-blot, ELISA, immunofluorescence, and qPCR. Specifically, the candidate is expected to perform the *in vitro* mechanistic assessment of signaling pathways associated with neuropsychiatric/psychological toxicity modulated by substances of abuse during neuronal development.

**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, or technological production, considered most relevant by the candidate, including papers published in high-impact (Q1) peer-reviewed international journals, books, book chapters, patents, invited lectures at national/international meetings, and oral and poster communications at national/international meetings.

**b)** Coordination and participation in R&D projects at national/international level.

**c)** Supervision/co-supervision of students conducting work leading to academic degrees, including Ph.D., M.Sc., or traineeships.

**d)** Honours and Awards.

**e)** Other scientific activities denoting the candidate's scientific expertise (e.g., member of scientific committees, editorial board membership, Expert Reviewer in national/international grant review panels)

**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 elements presented for the last five years 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 – 25%

**II.** Diversity and quality of scientific indicators in the specific areas of the announcement (see point 1), including relevant published peer-reviewed articles, books, book chapters, abstracts, invited lectures, and oral/poster communications - 20%

**III.** Coordination/participation in research projects – 5%

**10.2** Relevant experience, proved in CV, in:

**I.** Experience in cell culture handling - 15%

**II.** Experience in techniques for protein expression analysis (e.g., Western-blot, immunofluorescence, ELISA) – 25%

**III.** Experience in gene expression analysis - 10%

**11.** In the case of admitted candidates whose evaluation does not differ more than 10% from that obtained by the best positioned candidate, the jury will interview these candidates. This will be aimed at obtaining clarifications and explanations about the curricular elements and additional information as well as to evaluate the attitude profile and motivation of the candidate.

The final score of each jury member is obtained by the following assessment: 90% scientific and curricular career evaluation and 10% 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 **06/01/2022 to 19/01/2022.**

**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: REQUIMTE 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 a meeting held on 07/12/2021.

**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 honour, 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.

**26.** The selection of candidate to be hired is determined by orientations and regulations issued by Fundação para a Ciência e a Tecnologia upon verification of all legal requirements. REQUIMTE is entitled to cancel the present process in case the legal requirements are not fulfilled.