



INTERNATIONAL CALL FOR A PHD HOLDER POSITION TO PURSUE SCIENTIFIC RESEARCH ACTIVITIES PURSUANT TO ARTICLE 23 OF DECREE-LAW NO. 57/2016 OF AUGUST 29th, AMENDED BY LAW 57/2017 AND REGULATORY DECREE No. 11- A / 2017.

**Reference: REQUIMTE 2019-16**

**Main research field:** Chemistry

**Sub research field:** Analytical 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 2019-16**) on the project PTDC/QUI-QAN/30163/2017, entitled: " Tailored NanoGumbos: The green key to wound infections chemsensing ", supported by national funds by FCT / MCTES and co-supported by Fundo Europeu de Desenvolvimento Regional (FEDER) throughout COMPETE 2020 – Programa Operacional Competitividade (POCI-01-0145-FEDER-030163), to pursue scientific research activities in the area of Chemistry, sub-area Analytical Chemistry, under a work contract for a non-fixed term, under a work contract for a non-fixed term, in order to work in modular synthesis of solid phase ionic (nano)materials and development of biomarkers assays. These assays will be integrated in microfluidic format, in benchtop automated systems or point care devices. It will be considered the experience in synthesis and characterization techniques of (nano)materials, screening methods for structure-activity identification.

**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: Maria de La Salette de Freitas Fernandes Hipólito Reis Dias Rodrigues (Professora Auxiliar, Faculdade de Farmácia, Universidade do Porto, President by delegation of REQUIMTE Director), André Ricardo Tomás dos Santos Araújo Pereira (Professor, Instituto Politécnico da Guarda) e Maria Lúcia Marques Ferreira de Sousa Saraiva (Professora auxiliar, Faculdade de Farmácia, Universidade do Porto).

**4.** The workplace shall be at Faculty of Pharmacy at the University of Oporto.

**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. 2.128,34 Euros.

**6.** Application can be submitted by any national, foreign and stateless candidate(s) holding a doctorate degree in Chemistry, Biochemistry, Pharmaceutical Sciences or related scientific areas and a scientific and professional curriculum whose profile is suited for the activity to be developed.

In case the doctorate degree was awarded by a non-Portuguese 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 is experience, at least, in one of the subpoints (I, II, III, IV, V) mentioned in point 10.2.

**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, developed, considered of higher impact by the candidate;

**c)** of knowledge extension and dissemination activities developed, namely under the scope of the promotion of culture and scientific practices, deemed most relevant by the candidate.

**d)** of activities of science management, technology and innovation programs, or of experience in observing and monitoring the scientific and technological system or higher education, in Portugal or abroad.

**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 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 – 15%

**II.** diversity and quality of scientific indicators, in the specific areas of announce (see point 1) -15 %

**III.** participation in research projects and students supervision - 10%

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

**I.** (nano)materials synthesis, identification, characterization and stability – 15%

**II.** methodologies used for identifying chemical structures with potential to interact with protein targets – 15%

**III.** development of bioassays and study of reaction enzyme kinetics -10%

**IV.** methods for the assessment of in vitro, biodegradability, (eco)toxicity, and cytotoxicity of materials–10%

**V.** development of microfluidic systems and related ones according to point 1 – 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.

The final classification of each candidate is given by the arithmetic mean of the classifications attributed by the jury members. In the event of a tie, the chairman of the jury shall have the casting vote.

**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 **14/02/2019 to 07/03/2019**.

**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.

**29.** 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 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 08/02/2019.

**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.