

**Universidade Nova de Lisboa**  
**Instituto de Tecnologia Química e Biológica António Xavier (ITQB NOVA)**

**International call for a PhD Holder position to pursue scientific research activities**

Ref. DL 57-008/DL/2018

Within the framework of article 23 of Decree-Law no. 57/2016, of August 29, and taking into account the legal regime to which it refers, an international call is open for a PhD Holder position to pursue scientific research activities, funded by national funds through the *Fundação para a Ciência e a Tecnologia, I.P.*, with the following guidelines and specifications:

**Guidelines:**

The decision to open this call is raised by the research activities related with the project entitled "Targeting antimicrobial resistance with na X-ray "machine gun": the two-component system VraSR from *Staphylococcus aureus*", which has been developed by Doctor José Artur Alves Brito, within a FCT fellowship with reference SFRH/BPD/79224/2011, fulfilling the conditions contained in article 23 of the Decree-Law No. 57/2016 of 29 August.

Taking into account that the legal cause of the decision to open this competition is the exercise of research activities performed by Doctor José Artur Alves Brito under the terms of the aforementioned normative rule, the opening of the call is reverted if Doctor José Artur Alves Brito does not submit an application.

The signature of the work contract with the winning candidate depends on the establishment of Contract Program between ITQB NOVA and the *Fundação para a Ciência e a Tecnologia, I.P.*, enabling the financing and corresponding budget.

**General admission requirements:**

- a) Any national, foreign and stateless candidate(s) holding a PhD degree in Biochemistry;
- b) Holders of a scientific and professional curriculum showing a relevant profile for the activity to be developed.

If the doctoral degree has been conferred by a foreign higher education institution (not Portuguese), it must comply with the provisions of Decree-Law no. 341/2007, of October 12, and with all formalities established therein must be fulfilled by the application deadline.

**Specific admission requirements:**

- a) Hold a PhD degree in Biochemistry for over 6 years;
- b) Experience in scientific research activities in the field of structural biology, namely in macromolecule structures determination by X-ray Crystallography, including crystallization, X-ray diffraction data collection and processing, three-dimensional model building and crystallographic refinement;

- c) Practice in collecting X-ray diffraction data, in-house and at synchrotron facilities, in-site or using remote access;
- d) Skills supported by scientific articles with first authorship on structure-function analysis based on crystallographic models and protein biochemical/biophysical characterization;
- e) Training in management of Linux systems and programming in python and scheme;
- f) Experience in orientation and co-supervision of graduate and master students;
- g) Participation in research projects with external funding and coordination of projects providing access to European synchrotrons;
- h) Ability to organize events, including scientific workshops;
- i) Competence to work independently integrating multidisciplinary teams, with critical spirit and good communication skills;
- j) Participation in activities to divulge Science for the general public and students;
- k) Good fluency in English (spoken and written).

**Duties to be performed:**

- a. Performing scientific research activities in the areas identified above, or in related areas;
- b. Secure external funding;
- c. Coordination of national and international projects;
- d. To have an active role in the dynamization of international collaborations in the specific scientific area;
- e. Training of researchers at master, doctoral and post-doctoral levels;
- f. Participation in the academic and management bodies of the institute;
- g. Participation in the life of the institute, namely in the activities of science outreach.

**Contract and category:**

The contracting is carried out by means of a work contract under the terms of the Portuguese Labour Code, for individuals holding a Doctoral Degree, corresponding to Level 33 of the single remuneration table (TRU), in accordance with Decree-Law no. 11-A /2017, of December 29.

**Work Place:**

The activities will be performed at ITQB NOVA facilities.

**Documents required in the application:**

- i) Cover Letter describing your motivation to apply to the particular position (max. 2500 characters, including spaces);
- ii) Future research plans (max. 5000 characters, including spaces);
- iii) Copy of certificate or diploma;
- iv) Detailed *Curriculum vitae* in accordance with the requirements of the application;
- v) Any other relevant documents demonstrating the candidate's adequacy for the requested profile.

**Methods of selection and definition of their weights/evaluation criteria:**

Curricular evaluation (evaluation of *Curriculum vitae*, Cover Letter and Future Research Plans, as specified in general and special requirements) - 90%.

Interview - 10%.



If there is only one candidate, the interview is optional and the Curricular evaluation will have a weighting of 100%.

The selection methods, their weightings and classification system are listed in Minutes 1 of the Jury meetings, available at <http://www.itqb.unl.pt/jobs/dl-57-008-dl-2018>.

**Composition of the jury:**

President: - Doctor Margarida Archer;

1º member: - Doctor Pedro Matias;

2º member: - Professor Doctor Maria Arménia Carrondo;

1º alternate member: - Doctor João Vicente;

2º alternate member: - Doctor Carlos Frazão.

**Application deadline:**

The deadline for submission of applications is 10 working days from the date of publication in the *Diário da República*.

**Non-discrimination and equal access policy:**

ITQB NOVA actively promotes a policy of non-discrimination and equal access, so that no candidate can be privileged, benefited, harmed or deprived of any right, on basis of age, sex, sexual orientation, marital status, family status, economic situation, education, social origin or condition, genetic heritage, reduced working capacity, disability, chronic illness, nationality, race, territory of origin, language, religion, political or ideological convictions, and trade union membership.

Under Decree-Law no. 29/2001, of February 3, the candidate with a disability has preference under conditions of equal classification, which prevails over any other legal preference. Candidates must declare on the application form, on his/her word of honor, the respective degree of disability, the type of disability and the means of communication to be used in the selection process, in accordance with the above-mentioned diploma.

The Full Notice of this procedure will be available on the FCT website <http://www.eracareers.pt/>, on the page <https://euraxess.ec.europa.eu/> and on the electronic page of ITQB NOVA <http://www.itqb.unl.pt/jobs/dl-57-008-dl-2018>.

The application must be sent by e-mail, indicating the reference mentioned above in title, to the e-mail address [concursos@itqb.unl.pt](mailto:concursos@itqb.unl.pt) until 17h (GMT) of May 3, 2018.

**Notification of Results:** All candidates will be informed of the decisions by email.

