



Universidade Nova de Lisboa
Instituto de Tecnologia Química e Biológica António Xavier (ITQB NOVA)
Editais no. 1222/2022

Recruitment procedure of an Auxiliary Researcher, Biochemistry, subarea Structural Biology of Proteins.

Reference 018/TRI-IAux/2022

Pursuant to the provisions of article 11 of Decree-Law no. 57/2016 of August 29, amended by Law no. 57/2017, of July 19, and according to the article 9, in its current wording, and in accordance with the provisions of article 9 of the "Regulation on careers, recruitment and employment contracts of researchers under employment contract regime of the *Universidade Nova de Lisboa*" (Regulation no. 393/2018, of 12 June, published in the *Diário da República*, 2nd Series, no. 123, of 28 June), hereinafter referred to as Regulation, it is hereby made public that, following the order of the Rector of *Universidade NOVA de Lisboa*, Professor João Sàágua, issued on May 15, 2022, an external recruitment competition for an Auxiliary Researcher is open for a period of 15 working days, starting from the date of the publication of this notice in the *Diário da República*, for the disciplinary area of Biochemistry, subarea Structural Biology of Proteins, under private law regime and employment contract (uncertain term).

This recruitment call is open under the Contract Program ("Concurso de Estímulo ao Emprego Científico Institucional" – 2^a Edition), to support the development of the R&D activities, signed between the *Fundação para a Ciência e a Tecnologia, I.P. (FC&T, I. P.)* and *Universidade Nova de Lisboa (NOVA)*, in accordance with the provisions of paragraph 4 of article 28 of the Scientific Employment Regulation (Regulation no. 607-A/2017, of 15 November, published in the *Diário da República*, 2nd series, no. 225, of 22 November, amended by Regulation no. 806-A/2019, published in *Diário da República*, 2nd series, of 14 October, and by the Regulation no. 985-B/2019, published in the 2nd series of *Diário da República*, as the 1st supplement, on 31 December).

This is an international application procedure and is governed by the provisions of Articles 18 to 20 of Decree-Law no. 57/2016, of 29 August, amended by Law no. 57/2017, of 19 July, in its current wording.

Applicants who meet both the general and the special requirements for admission set forth in the present tender are admitted to the call.

Work place:

ITQB NOVA facilities, located in *Avenida da República*, in *Oeiras*.

Functional content:

The selected candidate will work as an Auxiliary Researcher at ITQB NOVA, and will perform the following tasks:

- Develop research in the area of Structural Biology of Proteins, namely in the area of X-ray crystallography, electron cryo-microscopy and X-ray fluorescence imaging;
- Coordinate the various infrastructures of ITQB NOVA services;
- Support the preparation of applications for external funding and coordinate national and international research projects;
- Raise external funding and coordinate national and international projects;
- Supervise students in doctoral and master's thesis;
- Promote and ensure communication between the different ITQB NOVA research infrastructures and users;
- Develop new research services;
- Establish communication between coordinators, technicians, users of research services and the ITQB NOVA Board of Directors;
- Interact with research services from other Institutes;
- Ensure the sustainability of the various research services;
- Have an active role in promoting international collaborations in the specific scientific area;
- Participate in the life of the Institute, namely in science dissemination activities.

General admission requirements:

In accordance with paragraph 1 of article 10 of the Statute of the Scientific Research Career (ECIC - Decree-Law no.. 124/99, of 20 April), it is a general requirement for applying to the present recruitment process, to hold a PhD degree and to have a relevant scientific curriculum in the area of the call.

Therefore, candidates to the present recruitment procedure must hold:

- A PhD in the area of Biochemistry, subarea of Protein Structural Biology;
- A scientific and professional curriculum showing a profile appropriate to the activity to be developed, including international professional experience in the scientific area.

Specific application requirements:

- Post-doctoral experience of more than 10 years;
- Post-doctoral professional experience at an international level;
- Technical qualifications and suitable profile for the development of the position, namely the ability to coordinate teams and lead projects, to integrate multidisciplinary teams and have critical thinking and good communication skills;
- Experience in multidisciplinary methodologies, in the area of Structural Biochemistry of Proteins, namely in expression and purification, biophysical and spectroscopic characterization, three-dimensional structure by X-ray and SAXS crystallography, microscopic analysis at the cellular level in the imaging methodology of X ray fluorescence;
- Experience in managing and coordinating research projects with external funding (as Coordinator);
- Experience in supervising doctoral and master's theses;
- Experience in teaching students of the 2nd or 3rd cycle of Higher Education and in doctoral programmes;
- Fluency in: (i) Portuguese, spoken and written; and (ii) English, spoken and written.

Agenda 2030 goals:

The position to be filled within the scope of this international call is aligned with the Sustainable Development Goal (SDG) on Quality Health (Goal 3).

Category and applicable legislation:

- Remuneration to be negotiated according to the *Curriculum Vitae* and professional experience of the candidates, from among the remuneration levels foreseen, for this category, within the Statute of the Scientific Research Career, according to Annex I of Decree-Law no. 124/99, of 20 April, and under the terms of paragraph 2 of Article 2 of Regulatory Decree no. 11-A/2017, of 29 December.
- If the PhD has been awarded by a foreign higher education institution (not Portuguese), it must comply with the provisions of Decree-Law no. 66/2018, of August 16, and any formalities established therein must be fulfilled by the date of signature of the employment contract.

Documents required in the application:

- Motivation letter (one page);
- A detailed, dated and signed, Curriculum vitae that should include academic qualifications and professional situation, namely positions held and respective periods of exercise, professional training held, as well as clear reference to the level of expertise in Portuguese and English languages;
- Contacts of two references;
- Copy of latest academic qualifications / PhD certificate;
- Other supporting documents considered relevant to the duties to be performed (optional).

Selection criteria:

The Final Classification (FC) will be expressed on a scale of 0 to 20 values, resulting from the application of the following formula:

$$FC = 90\% * CE + 10\% * SI$$

Where CE - Classification obtained in the Curricular Evaluation.

SI – Classification obtained in the Selection Interview.

The three candidates with the best score over 15 in the curricular evaluation analysis will be interviewed. If the vacancy is not filled, the following five candidates may be called, provided that they score more than 15 in the curricular evaluation.

The evaluation parameters and respective weighting of the selection methods are set out in the minutes of the Selection Committee meeting, to be made available to the candidates whenever requested.

Submission of applications:

All documents must be sent as a **single pdf** file by email to concursos@itqb.unl.pt indicating the **Ref. 018/TRI-IAux/2022**.

Deadlines of applications:

The application call starts on August 18, 2022 and ends on September 7, 2022.

Composition of the Selection Committee:

President – Professor Doutor Cláudio Soares (ITQB NOVA)

1st Effective member - Professor Doutora Inês Cardoso Pereira (ITQB NOVA)

2nd Effective member– Doctor Pedro Matias (ITQB NOVA)

1st Substitute member – Professor Doctor Maria Arménia Carrondo (ITQB NOVA)

2nd Substitute member – Doctor Carlos Frazão (ITQB NOVA)

Evaluation of applications:

After the deadline for applications the Selection Committee meets for evaluation and ordering of candidates.

Notification of results:

All candidates will be informed of the decisions by e-mail.

Non-discrimination and equal access policy:

ITQB NOVA actively promotes a policy of non-discrimination and equal access, whereby no candidate may be privileged, benefited, prejudiced or deprived of any right or exempt from any duty on the basis of ancestry, age, gender, sexual orientation, marital status, family status, economic situation, education, origin or social condition, genetic heritage, reduced working capacity, disability, chronic disease, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions and trade union membership.

In accordance with Decree-Law no. 29/2001, of February 3, the candidate with a disability has preference in equal classification, which prevails over any other legal preference. Candidates must declare on the application form, on oath of honor, their degree of disability, the type of disability and the means of communication/expression 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 Euraxess portal

<https://euraxess.ec.europa.eu/> and on the ITQB NOVA website <https://www.itqb.unl.pt/jobs>

Oeiras, August 18, 2022 - The Sub-Director of ITQB NOVA, Professor Doctor Inês Cardoso Pereira.