

Universidade Nova de Lisboa
Instituto de Tecnologia Química e Biológica António Xavier (ITQB NOVA)
Call for a PhD Researcher

In accordance with the Decree-Law nº 57/2016 of 29 August, with the amendment introduced by Law 57/2017 of 19 July, ITQB NOVA opens a call for a PhD Researcher, in the scope of the European project *Teaming* (Horizon 2020) entitled “*The Discoveries CTR*”.

Scientific Area: Molecular Biology, branch of cell lines development and molecular biotechnology of mammalian cells to apply in the area of human health with focus in gene and cellular therapies.

Academic Qualifications: PhD in Chemical Engineering.

General requirements for admission:

- 1) PhD degree in Chemical Engineering, and at least 10 years of postdoctoral experience;
- 2) Master and doctoral students supervising experience;
- 3) Principal researcher experience in the coordination of external scientific projects;
- 4) Post-graduation teaching experience in the area of this open position;
- 5) Experience in economic valorization of scientific research results, as for example the development of technical applications, or technology transfer actions (to the industry);
- 6) Proficiency in English (written and spoken).

Specific requirements for admission:

- 1) Research experience in mammalian cell lines (minimum of 20 years) and in viral vectors for gene therapy (minimum of 15 years);
- 2) Demonstrated experience with scientific publications in the areas of:
 - i) animal cell biotechnology;
 - ii) mammalian cell line development and engineering;
 - iii) viral vectors for gene therapy;
- 3) Technical experience in:
 - i) Design and cloning of expression vectors for mammalian cells;
 - ii) Establishment of mammalian cell lines;
 - ii) Design, viral expression cassette cloning, and vector production of the following gene therapy viral vectors: adenoviral, retroviral, lentiviral and adeno-associated.

Remuneration:

PhD Researcher, salary index to the Single Salary Table (TRU) level 62, approved by *Decreto-Regulamentar* nº 11-A/2017, 29 November.

It is foreseen that the contract start in June 2018. Employment contract for an uncertain term (according to the article 18, paragraph b), and paragraph 1 and 3 of article 6, DL No. 57/2016, of August 29, amended by Law No. 57/2017, of July 19), with a maximum duration of 36 months, eventually renewable.

Application formalization:

Detailed *Curriculum vitae*;
Motivation Letter;
Contacts of two references;
PhD certificate.



Selection criteria:

Evaluation of application (*Curriculum vitae* and motivation letter, based in the specific and general skills) - 50%

Interview - 50%

Jury:

- Professor Doctor Cláudio M. Soares, president;
- Professor Doctor Joaquim Cabral;
- Professor Doctor Maria do Carmo Fonseca;
- Professor Doctor Miguel Seabra;
- Professor Doctor Rogério Gaspar.

Submission and deadlines of applications:

The application call starts on April, 27 and ends on June, 11 2018

All documents **must** be sent as a **single PDF** file by email to concursos@itqb.unl.pt indicating the reference Teaming – Biotecnologia/Bioquímica in the subject.

Notification of Results: Todos os candidatos serão informados das decisões por *e-mail*.

