

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: Biotechnology, branch of biomedical technology; focus on the development of disease cell models employing human cells and on their applications in preclinical and translational research, aiming at advancing in precision medicine.

Academic Qualifications: PhD in Biochemistry.

Required skills and competences:

- 1) PhD in Biochemistry, for at least 10 years;
- 2) Supervision of MSc and PhD students;
- 3) Project Leader in scientific projects sponsored by external funding sources;
- 4) Teaching experience in post-graduate course, in the area of the call;
- 5) Translation of the scientific activity into society (industry and public sector);
- 6) Proficiency in English written and spoken.

Specific skills:

- 1) Research experience in cellular biotechnology, specifically in applications of human cells (for at least 10 years);
- 2) Demonstration of expertise by scientific publications in the area of disease cell models and development of cell-based assays, namely:
 - i) Neural differentiation of human stem cells
 - ii) 3D cell culture strategies and bioreactor technology, applied to the development of cell models
 - iii) Bioassay development based on 3D cell models

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, presidente;
- 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*.

