



INSTITUTO DE HIGIENE E
MEDICINA TROPICAL
DESDE 1902



UNIVERSIDADE
NOVA
DE LISBOA

Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical (IHMT NOVA)

Call for hiring a Post-Doctoral Researcher

Ref. PTDC/BIA-MIC/30692/2017

Pursuant to the provisions of Decree-Law nº. 57/2016, of August 29, taking into account the legal regime to which it refers, contained in the same legal document, an international competition procedure for selection of a doctorate for the exercise of scientific research activities is in place, financed by national funds through the Fundação para a Ciência e a Tecnologia (FCT), with the following framework and specifications:

FRAMEWORK

- a) The decision to initiate the procedure is triggered by the fact that project with reference PTDC/BIA-MIC/30692/2017 entitled “Efflux pumps as therapeutic targets in antibiotic resistant Mycobacterium tuberculosis: an approach to prevent efflux mediated resistance and potentiate therapy in active and latent tuberculosis” includes in its research work plan activities to be performed by a post-doctoral team member.
- b) The contract with the winner of the contest is subject to the precedent condition of its adequate budget allocation through a development contract between FCT and the Institution, in order to support the inherent costs of this competition.
- c) Candidates who, on a rating scale between 0 and 20 of the respective ranking criteria, do not reach 10 points, will not be allowed to take the position due to lack of absolute merit.

GENERAL APPLICATION REQUIREMENTS

- a) National, foreign and stateless persons holding a Biological Sciences, Biomedical Sciences, Pharmaceutical Sciences or Pharmacy, Health Sciences or related areas;
- b) Holders of a scientific and professional curriculum that shows a profile appropriate to the activity to be developed.

If the doctoral degree has been awarded by a foreign higher education institution, it must comply with the provisions of Decree-Law no. 341/2007, of October 12, and the fulfillment of any formalities established therein must occur until the expiration date for the application. The recognition of the foreign academic degrees will only be required to the selected candidates for conclusion of the employment contract. Failure by the candidate to present that recognition, within the terms established for the signature of the contract, will determine passage to the candidate ordered in 2nd place and so on.



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SPECIFIC APPLICATION REQUIREMENTS:

PhD in Biological Sciences, Biomedical Sciences, Pharmaceutical Sciences or Pharmacy, Health Sciences or related areas;

- Knowledge of research methodology and general laboratory procedures;
- Knowledge, experience and scientific production in the area of Microbiology;
- Experience in techniques of microbiology, bacteriology and molecular biology;
- Experience in genomic analysis;
- Computer skills, namely experience using software for comparative genomics and "Genome-Wide Association Studies (GWAS)";
- Computer skills, including statistical analysis of data;
- Laboratory experience in molecular typing techniques
- Participation and monitoring of ex vivo and in vivo infection assays;
- Expertise in the area of animal experimentation will be preferential;
- Good use of the English language;
- Availability for exclusive dedication;
- Availability to start contract in May 2019

TASKS TO BE PERFORMED:

- Analysis of complete genome sequences using specific software programs;
- Identification of bacterial metabolic genes and pathways involved in responding to antimicrobial compounds, including efflux inhibitors;
- Molecular typing of bacteria, namely mycobacteria and Gram-negative bacteria
- Participation in ex vivo and in vivo infection trials;
- Manipulation of animal models, namely murine;
- Displacement and participation in the activities to be carried out in the institutions involved in the project
- Other tasks in addition to the main duties in order to ensure the proper functioning of the laboratory.

CONTRACT AND CATEGORY

Hiring is made through an indefinite-term contract, under the terms of the Labor Code, as Doctoral Degree, Level 33 of the Unique Remuneration Table (TRU), in accordance with Decree-Law no. 11-A / 2017 of 29 December.

DURATION

The contract will start in May 2019 and may last until the end of the project, with a maximum of 30 months duration.

WORPLACE

IHMT-NOVA, Lisboa

iMed, Faculdade de Farmácia, Universidade de Lisboa, Lisboa

Trinity College Dublin, Dublin, Irlanda



DOCUMENTS TO BE PRESENTED

- i) Motivation letter (max. 3000 characters, including spaces);
- ii) Detailed curriculum vitae according to the requirements of the application;
- iii) Copy of the certificate or diploma of the doctoral degree;
- iv) Copy of the identification card or passport as applicable;
- v) Contacts of two references.

The presentation of all documents mentioned in i) to v) is mandatory otherwise the candidate will be excluded from this call.

METHODS OF SELECTION AND DEFINITION OF WEIGHTINGS:

- Curricular evaluation (Curriculum vitae and motivation letter, as specified in the general and special requirements) - 90%
- Interview (if needed) - 10%
- If no interview is done, because there is a single candidate or the curricular evaluation proves sufficient to order the candidates, the curricular evaluation will have a weighting of 100%.
- The selection methods, their weightings and classification system are listed in the Minutes of the first Jury meeting.

COMPOSITION OF THE JURY

- President: Prof. Doutor Miguel Viveiros, Professor Catedrático, IHMT-NOVA
- Effective member: Doutora Diana Machado, PhD Researcher, IHMT-NOVA;
- Effective member: Prof. Doutora Isabel Couto, Assistant Professor, IHMT-NOVA
- Substitute member: Dr. Celso Cunha, Associate Professor, IHMT-NOVA.

APPLICATION DEADLINE

The deadline for submitting applications is 10 business days from the date of publication of the call in the Diário da República. Applications with all documents in a single PDF file, must be sent by email until 17h00 PT of the deadline date to the e-mail address mviveiros@ihmt.unl.pt, indicating in the subject the reference PTDC/BIA-MIC/30692/2017.

The full Notice of this call will be available on the FCT website at <http://www.eracareers.pt> and on the IHMT website at <http://www.ihmt.unl.pt/category/bolsas-e-concursos/>

Notification of Results: All candidates will be informed of decisions by e-mail.

Pursuant to Article 9 (h) of the Constitution, the Public Administration, as an employer, actively promotes a policy of equal opportunities for men and women in accessing employment and professional advancement, scrupulously and any form of discrimination.