



**NOVA University of Lisbon
Institute of Hygiene and Tropical Medicine (IHMT NOVA)
Advert seeking a PhD graduate to perform researcher activities:**

Scientific Employment Competition Ref. PTDC/BIA-CEL/28456/2017

According to the provisions of Decree-Law no. 57/2016 of 29 August, and taking into account the legal regime to which it refers, contained in the same legal document, a competition procedure of international selection is open, to fill a doctoral post for the exercise of scientific research activities, financed by national funds through the Foundation for Science and Technology, with the following guidelines and specifications:

Background

- a) The decision to open the competition procedure is due to the fact that the project PTDC/BIA-CEL/28456/2017 includes in its work plan, scientific research activities to be carried out by a the postdoctoral researcher.
- b) The contract with the winner of the competition is subject to the condition its being adequately funded by a budget allocation through a development contract to be signed by FC&T with the Institution, in order to fund the competition.
- c) Candidates who do not earn 10 points on a scale of between 0 and 20 of the respective ranking criteria will not be allowed to fill the position due to lack of sufficient absolute merit.

GENERAL APPLICATION REQUIREMENTS:

- a. National, foreign and stateless persons with a PhD in Biology, Biochemistry or similar areas;
- b. Holders of a scientific and professional *Curriculum vitae* that displays an appropriate profile for the activity to be performed;

If the PhD has been awarded by a foreign higher education institution, it must comply with the provisions of Decree-Law no. 341/2007, of 12 October, and the fulfilment of any formalities established therein must occur by the application expiration date.

The recognition of the foreign academic degrees will only be required to the candidates selected to celebrate the employment contract.

If the candidates selected to celebrate the employment contract do not deliver the recognition of the foreign academic degrees until the date of the signature of the contract, it will determine that the contract will pass for the candidate ordered in second place and so on, successively.

SPECIFIC ADMISSION REQUIREMENTS:

- PhD in biology, biochemistry or similar areas;
- Good knowledge of research methodology and general laboratory procedures;
- Knowledge, expertise and scientific production in Parasitology;
- Knowledge, expertise and scientific production in host-parasite interaction;
- Knowledge, expertise and scientific production in malaria, biology and epidemiology of the disease, and mechanisms of host response against infection;
- Knowledge in laboratory diagnosis and molecular biology of *Plasmodium* sp.;
- Computer skills, including statistical analysis and digital image processing;
- Good oral and written skills as well as communication to a wide range of audiences;
- Publication in peer-review scientific journals;
- Ability to work integrated in a team as well as to teach and guide other team members;
- Ability to work independently and motivation to establish your own research plan with acquisition of external financing;
- Availability for exclusive dedication;
- Availability to start contract in January 2019;
- Fluent in Portuguese language;
- Fluent in English language;

TASKS TO PERFORM:

- Laboratorial work
 - *In vitro* cell cultures;
 - Studies of susceptibility through invasion and maturation assays;
 - Metabolic studies through enzymatic activity quantification, ATP levels and metabolic profiles;
 - Studies of toxicity through hepatotoxicity and haemolysis assays;
 - Studies on morphology, elasticity and deformability of host cells.
- Supervision of students and fellow investigators, members of project team.
- General duties
 - To interact both with investigators from intervenient institutions and externally to learn additional methodologies and develop collaborative investigation;
 - To contribute for the maintenance of common areas and laboratory reagents and consumables;
 - To co-supervise students and, occasionally, participate in training and classes of the institutional courses;
 - Other additional tasks needed to assure the proper functioning of the laboratory.

CONTRACT AND STATUS:

The employment is carried out by means of an unfixed-term contract under the terms of the Labour Code, as a PhD, Level 33 of the single remuneration table (TRU), in accordance with Decree-Law no. 11-A/2017, of 29 December.

WORKPLACE:

IHMT-NOVA and IMM facilities, Lisbon

DURATION OF CONTRACT:

The contract will start in January 2019 and may be in force until the end of the project, and can not, in any case, exceed 6 years under the Law.

DOCUMENTS THAT SHOULD BE INCLUDED IN THE APPLICATION:

- i) Motivation Letter (max. 3000 characters, including spaces);
- ii) Copy of certificate or diploma;
- iii) Detailed *Curriculum vitae* according to the application requirements;
- iv) Other relevant documents to the evaluation of the profile suitability;
- v) Copy of the identification card or passport.

METHODS OF SELECTION AND DEFINITION OF WEIGHTS:

Curricular evaluation (evaluation of *Curriculum vitae* and motivation letter according to the aspects specified in general and specific application requirements) - 90%

Interview (if needed) - 10%

If the interview is not be needed because there is only one candidate or the curricular evaluation is sufficient to rank applicants, it will weights 100%.

The indication of selection methods, their weights and classification system will be reported at first minute of Panel meetings.

COMPOSITION OF THE EVALUATION PANEL:

President: Inv^a Doutora Ana Paula Arez, Principal Investigator with Habilitation, IHMT/UNL

Chair: Inv. Doutor João Rodrigues, Investigator, IMM

Chair: Inv^a Doutora Fátima Nogueira, Investigator, IHMT/UNL

Chair: Prof. Doutor João Pinto, Professor with Habilitation, IHMT/UNL

Chair (substitute): Inv^a Doutora Filomena Carvalho, Investigator, IMM

APPLICATION DEADLINE:

The deadline for submission of applications is 10 working days from the date of publication in the Official Gazette.

Full notice of this procedure 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/>.

The application must be sent by email indicating the reference in the subject field, to the email address aparez@ihmt.unl.pt by 5pm.

Notification of Results: All applicants will be informed of the results via email.

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.