



INSTITUTO DE HIGIENE E  
MEDICINA TROPICAL  
DESDE 1902

**Universidade Nova de Lisboa  
Instituto de Higiene e Medicina Tropical (IHMT NOVA)  
Call for hiring a Doctoral Researcher**

**“A human infection-based platform: evaluation of the inhibition of endothelial responses in cerebral malaria by nanoparticles loaded with STING antagonists,”** funded by the Foundation for Science and Technology, reference **2023.15187.PEX.**  
**(Reference CT-ID/01-2026)**

Pursuant to the provisions of **Decree-Law n. 57/2016, of August 29**, taking into account the legal regime to which it refers and 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 European funds through European Commission (Horizon 2020), with the following framework and specifications:

**FRAMEWORK**

- a) The decision to initiate the procedure is triggered by the opening procedure of hiring a junior doctoral researcher within the project **“A human infection-based platform: evaluation of the inhibition of endothelial responses in cerebral malaria by nanoparticles loaded with STING antagonists”**;
- b) The project falls within national and European strategic priorities in the field of biomedical research and infectious diseases, contributing to the advancement of scientific knowledge and to the development of therapeutic solutions with global impact

**PROFILE DESCRIPTION**

PhD holder with experience in primary human cell cultures, malaria parasite cultures, and cellular and molecular immunology techniques

**GENERAL APPLICATION REQUIREMENTS:**

- a. National, foreign and stateless persons holding a PhD in Biomedical Sciences or an equivalent field;  
If the doctoral degree has been awarded by a foreign higher education institution, it must comply with the provisions of Decree-Law No. 66/2018 of 16 August. The fulfillment of any formalities established therein must occur until the expiration date for the application.

- b. Holders of a scientific and professional curriculum demonstrating solid research experience in cellular and molecular immunology of at least 6 years.

**SPECIFIC APPLICATION REQUIREMENTS:**

- a. Experience in primary human cell cultures.
- b. Experience in multiparametric flow cytometry for the analysis and sorting of cellular and subcellular populations, at the level of an independent user.
- c. Experience in the preparation, fractionation, and analysis of extracellular particles from erythrocytes infected with the human malaria parasite.
- d. Immediate availability to initiate the contract.

**ASSESSMENT CRITERIA AND WEIGHTINGS:**

1. The quality and quantity of the scientific experience from the last five years that the candidate considers most relevant (6 points). Particular consideration should be given to relevance to the field in which the competition is open, as demonstrated by the number and type of publications (books, journal articles, training materials, theses, dissertations and conference papers) and by the recognition accorded by the scientific community, reflected in the quality of the publication venues or other criteria at the candidate's discretion.
2. Applied or practice-based research activities carried out in the last five years and considered by the candidate to have the greatest impact (6 points). Activity and participation in funded research projects and/or relevant institutional infrastructures shall be taken into account;
3. Extension and knowledge dissemination activities carried out over the last five years, particularly in the context of promoting scientific culture and practices, considered most relevant by the candidate (4 points).
4. Letter of motivation (4 points). The motivation to perform the duties described in the Call for Applications and the clarity of the scientific mission and challenge shall be assessed.

**TASKS TO BE PERFORMED:**

- Coordination and execution of experimental work within the scope of the project.
- Supervision of master's student.

**CONTRACT AND CATEGORY:**

PhD holder, Level 33 of the Single Remuneration Table (TRU), in accordance with Regulatory Decree No. 11-A/2017, of 29 December.

Indefinite-term employment contract, pursuant to article 18 and paragraph b) of paragraph 1 and paragraph 3 of article 6 of Decree-Law n.º 57/2016, of 29 August, amended by Law No. 57/2017, of 19 July, under the legal terms in force. The contract is expected to start in June 2022.

**DURATION:**

The contract is expected to begin on **1 June 2026** and may remain in force, at most, until the end of the project, and may not, under any circumstances, exceed **6 years**, in accordance with the law.

**WORPLACE:**

Facilities of IHMT-NOVA (Lisbon).

**DOCUMENTS THAT SHOULD BE PRESENTED:**

- Motivation letter (max. 3000 characters, including spaces);
- Detailed *Curriculum vitae* according to the requirements of the application (and requirements established at Decree-Law n. 57/2016, of August 29);
- Copy of the certificate or diploma of the doctoral degree;
- Copy of the identification card or passport as applicable.

**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 there is no interview, because there is no more than one candidate or the curricular evaluation proves sufficient to order the candidates, the curricular evaluation will have a weight of 100%.

Candidates who, on a grading scale from 0 to 20 for the respective evaluation and classification criteria, fail to achieve **10 points** shall be excluded from the selection procedure. The indication of the selection methods, their weightings, and the grading system are set out in **Minutes no. 1 of the Selection Committee meeting**.

**COMPOSITION OF THE JURY:**

- Chair: Dr. Carlos Penha Gonçalves, Invited Researcher, IHMT-NOVA;
- 1st Member: Dr. Ana Paula Arez, Principal Researcher with Habilitation, IHMT-NOVA;
- 2nd Member: Dr. Gabriela Santos Gomes, Associate Professor with Habilitation, IHMT-NOVA;
- 3rd Member: Dr. Ana Domingos, Coordinating Researcher, IHMT-NOVA;
- 4th Member: Dr. Celso Cunha, Associate Professor with Habilitation, IHMT-NOVA

**APPLICATION DEADLINE:**

The deadline for submitting applications is 15 business days from the date of publication of the call in the *Diário da República*. Applications must be sent by email indicating the reference in the Subject to the e-mail address [drh@ihmt.unl.pt](mailto:drh@ihmt.unl.pt).

The full Notice of this call will be available on the FCT website at <https://www.euraxess.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.