

OPENING NOTICE FOR THE INTERNATIONAL PROCEDURE TO SELECT A RESEARCH TECHNICIAN (M/F)

The IBMC/i3S opens a tender procedure for the selection of **1 Research Technician** within the project IMI-PainCare at IBMC/i3S, funded by the European Commission under the topic “Improving the care of patients suffering from acute or chronic pain”, with grant Agreement number 777500-2, H2020-JTI-IMI2-2016-10-two-stage.

INTERNAL REFERENCE: RESEARCHERTECHNICIAN/ IMI-PainCare /IBMC/2605/2022

SCIENTIFIC AREA: Translational Neurourology

WORKPLACE:

The work will be developed at the Departamento de Biomedicina – Unidade de Biologia Experimental, Centro de Investigação Médica – Faculdade de Medicina da Universidade do Porto, Rua Dr. Plácido da Costa, under the supervision of Ana Charrua.

PROJECT SUMMARY:

Acute and persistent pain of different origins represent a common medical, social, and economic burden, and its pharmacotherapy is often inadequate. To advance management of pain patients and support decision making in clinical practice, more predictive assessments of treatment success are needed.

The pathophysiology of chronic pelvic pain indications is poorly understood, and no adequate preclinical models are available, precluding focused preclinical research and leaving affected patients with little hope of relief.

In this project we are characterizing different rodent models of chronic pelvic pain available, from a molecular to a behaviour point of view. The analysis will take in consideration the clinical outcomes of this project.

TASKS AND RESPONSIBILITIES:

The successful applicant will be working within the European IMI-PainCare project that brings together a multidisciplinary team of researchers from different EU Member States.

The overall aim is to use back-translational approach to identify new targets for treatment of chronic pelvic pain and biomarkers for diagnosis

CONTRACTUAL TERMS: Working contract under the Portuguese Labour Law and the monthly remuneration of €1.389,64 (before taxes). Expect starting date: 1st July 2022.



SPECIFIC CRITERIA FOR ADMISSION AND GENERAL REQUIREMENTS:

- **Mandatory Admission Criteria:**

Previous laboratory and research experience.
Fluent (writing and speaking) in both Portuguese and English

- **Essential Selection Criteria:**

Degree in Biology
Experience in performing Immunohistochemistry
Experience working with Leica TCS SP5 II confocal microscope
Experience working with Microscope Software Platform LAS X Life Science
Experience working with Fiji (ImageJ)
Experience working with Imaris Cell Imaging Software 9.9
Experience working with Graphpad Prism
Good attention to detail
The ability to work independently and as part of a team

- **Desirable Selection Criteria:**

Knowledge and implementation of laboratory safety guidelines.
Publications in peer-reviewed scientific journals and
participation/communication in scientific meetings.

EVALUATION CRITERIA FOR INTERVIEW SELECTION:

- Fulfil all the mandatory admission criteria.
- Detailed CV (90%)- Scientific background and experience in the areas listed above on essential and desirable criteria.
- Experience working with mention software (30%)
- Experience working with Leica TCS SP5 II confocal microscope (35%).
- Experience in laboratory management (preparation of stocks, solutions and orders), SOPs, implementation of laboratory guidelines and safety rules (25%).
- Desirable criteria (10%).
- Motivation letter (10%)- Interest and motivation for the area where the hiring profile fit in and availability to start the contract.

APPLICATIONS, DEADLINES AND DOCUMENTS:

- Certificate or diploma copy.
- Curriculum vitae.
- Other documentation relevant for the evaluation of qualifications in a related scientific area.
- Motivation letter (1 A4 page maximum).

Candidates shall submit their application filing the required information and supporting documentation, in a digital form, in PDF format, from the 27TH May to the 9th June 2022, through the link:

<https://dozer.i3s.up.pt/applicationmanagement/#/addapplications/RESEARCHERTECHNICIANIMI-PainCareIBMC26052022>

SELECTION CRITERIA:

After analysis of the curriculum vitae and motivation letter, candidates are ranked, considering the admission requirements.

EVALUATION PANEL:

President: Francisco Cruz (Prof., PhD, MD);

Members: Ana Charrua (PhD) and Joana Ferreira-Gomes (PhD).

Substitute: Susana Maria Silva (PhD).

RESULTS:

The list of admitted and excluded candidates and the final ranking list are published on the website of the institute www.ibmc.up.pt at Open Positions, and the candidates will be notified by email. Candidates have 10 working days to comment.

This tender is exclusively destined to fill this specific vacancy and can be terminated at any time until approval of final candidate list, expiring with the respective occupation of said vacancy.