

## INTERNAL / EXTERNAL CALL

### The Institute

The **Research Institute of the Hospital de la Santa Creu i Sant Pau Foundation** (IR Sant Pau) is a scientific foundation whose mission is to improve the health and quality of life of the population through the production and dissemination of scientific knowledge, the international training of researchers, and the promotion of innovation and healthcare by incorporating medical advances into clinical practice and health policies. Established in 1992, it is a centre of research excellence affiliated with the Autonomous University of Barcelona (UAB) since 2009 and, since 2011, it has been a CERCA centre (Research Centres of Catalonia).

For the Foundation, it is a priority to ensure that the most suitable candidate is hired to fill a job through an open, transparent and merit-based selection process (OTM-R). Following these guidelines, staff mobility, knowledge exchange and, ultimately, the increase in the quality of teaching and research will be enhanced. Faithful to our commitment to the European Union's human resources strategy, our institution's personnel selection and recruitment procedures are governed by a set of basic principles that guarantee equal access to employability for all. Therefore, the constitutional principles of equality, merit and ability are followed, respecting in all cases the national and international regulations in force in this area, specifically the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers (C&C). The principles of C&C are applicable to the recruitment of any personnel of the institution, regardless of their professional category. For this reason, our Foundation has obtained the recognition of "Excellence in R+D in Research" granted to the IIB Sant Pau, since 2015.



The **Santa Creu i Sant Pau Hospital Research Institute Foundation** needs to incorporate at the Clinical and Translational Cardiology Group:

### **T1A- Junior Laboratory Technician**



## **About the Unit / Group:**

The Clinical and Translational Cardiology Group is a multidisciplinary research group focused on cardiovascular research, which achieved 82 research publications in 2024, with a total impact factor of 814.4 points. The group's research lines include basic and clinical electrophysiology, heart failure and heart transplantation, ischemic heart disease, valvular heart disease, cardiac imaging, cardiac modelling, 3D printing, and bioengineering. The group has access to all IR Sant Pau research facilities, including the animal experimentation facility. This facility includes 5 operating rooms equipped with X-ray systems, anaesthesia units, electrophysiological mapping systems, and ablation systems identical to those used in clinical practice. Dr. José M. Guerra-Ramos is the head of the Clinical and Translational Cardiology Group and leader of CIBERCV (a cardiovascular research network funded by the Spanish government). He is a specialist in Cardiology and Arrhythmology and carries out his clinical work in the Arrhythmia Unit of the Cardiology Department. He is a tenured professor at the Autonomous University of Barcelona and is widely recognised for his numerous national and international conference presentations and research publications.

## **About the Project**

This project is funded through a grant from the La Marató de TV3 Foundation and focuses on a new technique for the treatment of arrhythmias: pulsed field ablation using electroporation. The main hypothesis of the project is that it is possible to create controlled areas of reversible and irreversible electroporation in cardiac tissue. It also aims to describe new methods to accurately detect the boundary between reversibly and irreversibly electroporated areas based on the measurement of local electrograms and electrical impedance. This precise delineation will allow optimization of pulsed field ablation, maximizing its effectiveness and improving its safety. The project is carried out in collaboration between the Clinical and Translational Cardiology Research Group at IR Sant Pau, led by Dr. Guerra-Ramos, and the Biomedical Electronics Research Group (BERG) at Pompeu Fabra University, led by Professor Antoni Ivorra.

## Essential requirements

- Minimum qualification required Higher Level Professional Studies (Higher Level Training Cycle / FPII) or equivalent
- Oral and written knowledge of the two official languages of Catalonia or, failing that, the successful candidate will have to demonstrate, or promise to obtain, within a period not exceeding one year, a correct knowledge of the two official languages of Catalonia.
- Intermediate knowledge of office tools (excel, word, power point, etc).

## Skills will be valued

- Experience working with in silico / in vitro / in vivo models
- Certification as a user of laboratory animals (mouse, rat, rabbit, pig)
- Programming knowledge (Matlab, Python, R)
- Knowledge of statistics (SPSS, GraphPad Prism, R)
- Preparation of laboratory reagents and solutions
- Preparation of materials for cell cultures
- Collection of cellular and tissue samples from experimental animals
- Preparation of OCT and paraffin blocks
- Teamwork skills and willingness to learn
- Proactive problem-solving attitude

## Functions

- Conducting in silico, in vitro, and in vivo experiments
- Assisting in the application of laboratory techniques:
- Cell cultures
- Tissue processing for molecular, lipid, and immunohistochemical studies
- Immunohistochemistry techniques (preparation of OCT and paraffin blocks, sectioning for staining, lipid and extracellular matrix staining)

## Offered

- Permanent contract linked to the project: “Electroporation in cardiac tissue: from safe and efficient ablation of cardiac arrhythmias to new therapeutic indications”

“With the support of the La Marató de TV3 Foundation” and file number 202320-30



- Annual working hours: 1,627.50 hours (37.5 hours/week)
- Salary according to collective agreement
- Research Group: Clinical and Translational Cardiology

## Documentation and deadline for submission

Interested parties should preferably deliver the documentation (1) in PDF, by e-mail to the Management of the Santa Creu i Sant Pau Hospital Research Institute Foundation, address [ir\\_seleccio@santpau.cat](mailto:ir_seleccio@santpau.cat), indicating the reference **2026/046**:

### (1) Application letter and updated Curriculum Vitae and signed Data Processing Authorization\*\*

At the request of the Santa Creu i Sant Pau Hospital Research Institute Foundation, the candidates must present the documentation accrediting the merits mentioned in the curriculum vitae.

Applications will be resolved within a maximum period of one month from the end of the deadline for submission of documentation. At the end of this period, without having been notified of an express resolution, the interested parties will be entitled to understand that their applications have been rejected.

Santa Creu i Sant Pau Hospital Research Institute Foundation may declare this call for applications closed if, according to its criteria, the candidates does not meet the

conditions that the Institution considers necessary to fill the position.

The interpretation of the requirements and their enforceability to the candidates will be exclusive to the Santa Creu i Sant Pau Hospital Research Institute Foundation.

**\*\*It is essential to attach the duly signed data processing authorization (document attached at the end of the call)\*\***

**The deadline for submitting applications  
will end on April 10<sup>TH</sup> 2026, at 3:00 p.m.**

*Fundació Institut de Recerca de l'Hospital de la Santa Creu i Sant Pau, sited at C. Sant Quintí, 77-79, 08041, Barcelona, Tel: 93 291 90 50, NIF: G-60136934, as Data Controller and in compliance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) and the Organic Law 3/2018 of 5th of December, on the protection of personal data and the guarantee of digital rights, will treat your data with the sole purpose of developing this call. The legal basis for this treatment is the article 6.1 a, c and f from the GDPR, giving that we will ask for your consent, the treatment is necessary for the application of precontractual measures and its necessary to satisfy the legitimate interests pursued by the Data Controller.*

*The data will be kept during the necessary time to develop the call. Data will be treated solely by that areas and services that are allowed to in accordance with their assigned competences and functions. There will be no data cessions made unless there is a legal obligation to do so. You are entitled to exercise the rights of access, rectification, deletion, opposition, limitation and portability. In case you have any doubts, you can contact the data protection delegate at [dpo\\_ir@santpau.cat](mailto:dpo_ir@santpau.cat). You also have the right to file a complaint to the relevant control authority.*

**PERMANENCE COMMITMENT:** *Selected persons who will hold the summoned or vacant position, will not be able to apply for a new call until 1-year period has expired. In case of part-time job positions, this period will be of 6 months. In both cases, the period will compute from the date of publication of the resolution. The vacant summoned, and the ones that derive from it (intern movements), will be successively covered on the same proceeding among the submitted candidates to each particular call, regardless of whether this entails coverage of places in turns other than the call.*

Barcelona, 27/03/2026



**Human Resources Departament**  
Santa Creu i Sant Pau Hospital Research Institute Foundation



**SANT PAU**  
Campus Salut  
Barcelona



**Institut  
de Recerca  
Sant Pau**

### **AUTHORISATION FOR PROCESSING PERSONAL DATA**

Dear candidate:

The Fundació Institut de Recerca del Hospital de la Santa Creu i Sant Pau, with CIF G-60136934 and registered office at C/ Sant Quintí, 77-79, (08024) Barcelona, as data controller, informs you that it will process your data for the following purposes:

- Receipt of applications.
- Analysis of applications in order to incorporate the worker into the team of the Fundació Institut de Recerca del Hospital de la Santa Creu i Sant Pau, for a current vacancy and for future selection processes that fit your profile.
- To carry out personnel selection processes, as well as to formalise the hiring of the employee, if applicable.
- Comply with the required legal obligations.

The legitimate basis for processing the data is based on the legitimate interest of processing this job offer, in accordance with the provisions of Article 6.1 b) of the General Data Protection Regulation, as your data are necessary for the performance of a contract, which the data subject is a party or for the implementation of pre-contractual measures at his or her request.

However, we inform you that your data (i) will only be processed by those departments or areas of the Institute which, according to their competencies and functions, have an interest in the selection of personnel, (ii) may be communicated to public authorities and organisations, in order to comply with a legal obligation, such as service providers and third parties necessary for the management and execution of the relations derived from the request made and (iii) that they will be kept for the periods foreseen for the prescription of legal responsibilities.

Finally, we inform you that you have the right to access your personal data, to rectify them, to request their deletion, to oppose their processing and to revoke your consent to this processing. In certain circumstances, you may request that we restrict the processing of your personal data, in which case we will only retain your personal data for the exercise or defence of claims. In addition, you have the right to make a complaint to the relevant data protection authority. If you have any questions about the processing of your data you can contact the Entity's Data Protection Officer by sending an email to [dpo@santpau.cat](mailto:dpo@santpau.cat).

#### **Consent**

I have been informed about the processing of my data and I consent to the processing:

YES

NO

Name & Surname:

Signature