

INTERNAL / EXTERNAL CALL

The institution

The **Santa Creu i Sant Pau Hospital Research Institute Foundation** is a scientific foundation which mission is to improve health and quality of life of the population, through the production and dissemination of scientific knowledge, training of researchers to an international standard, and promoting health innovation and the incorporation of medical advances in clinical practice and healthcare policies. Created in 1992, the institute was attached to the Autonomous University of Barcelona (UAB) in 2003, and since 2011 it is part of the Government of Catalonia's CERCA Programme.

For the Foundation, it's a priority to ensure that the recruitment of the most suitable candidate to cover a job is carried out through an open selection process, transparent and merit-based (OTM-R). Following these guidelines will promote the mobility of staff, the exchange of knowledge and, ultimately, the increase in the quality of teaching and research. Faithful to the commitment to the human resources strategy of the European Union, our institution's personnel selection and recruitment procedures are governed by a set of basic principles that guarantee everyone equal access to a work placement. Therefore, the constitutional principles of equality, merit and capacity are followed, respecting in any case the national and international regulations in force in this area, specifically the European Charter of the Investigator and the Code of Conduct for the recruitment of Researchers (C&C). The principles of C & C are applicable for the recruitment of any staff of the institution, regardless of their professional category.

The **Fundació Institut de Recerca de l'Hospital of the Hospital de la Santa Cruz and San Pablo** need to incorporate in the **Unit of Molecular Pathology and Therapeutics of Ischemic and Atherothrombotic Diseases**:

R1A- Researcher in Training

About the Unit / Group:

The main lines of research of the group are:

- Pathophysiological role of LRP family proteins in chronic diseases.
- Identification and characterization of transcription factors and genetic targets.
- Role of lipids and inflammation.
- Vascular impact of ischemia and angiogenesis in heart disease. Cellular therapy.
- Search for new targets to inhibit the transformation of silent atherosclerosis into ischemic syndromes: angiogenic change mediated by tissue factors.

essential requirements

- Minimum qualification required: Higher Education (Licenciatura or University Degree).
- Oral and written knowledge of the two official languages of Catalonia
- Intermediate level of English
- Intermediate level of office tools (Excel, Word, Power Point, etc).

It will be valued

- Experience in experimental animals, small (rodents) and grains (pigs): a isolation of organs, blood extractions, administration of drugs and anesthetics by different routes, etc.
- Experience in molecular biology techniques: Western blot, ELISAs, confocal and inverted microscopy, PCR, IHC, flow cytometry, etc.
- Experience in cell biology techniques: primary cultures and cell lines (especially blood cells).
- Experience in techniques for obtaining DNA, RNA and protein from animal tissue samples.
- Experience in data analysis and bioinformatics.

functions

- Technical and functional studies for the phenotypic and functional characterization of inflammatory and blood cells.
- Studies of the response of cardiac function to different types of lipids in small (rodent) and large (pig) animal models.
- Protein, mRNA and miRNA expression studies in human/animal biological samples aimed at identifying and characterizing the role of triglycerides and HDL and their impact on marrow and heart cells.

offered

- Indefinite contract attached to the line of research: "Molecular and therapeutic pathology of atherosclerotic and ischemic diseases"
- Annual working hours of 1,627.50 hours (37.5 hours/week)
- Remuneration according to agreement
- Investigation Group: Molecular and Therapeutic Pathology of Ischemic and



Atherothrombotic Diseases.

Documentation and submission deadline

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, indicating the reference **2023/090**:

(1) Application letter and updated Curriculum Vitae

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.

**The deadline for submission of applications
will end on March 10, 2023, 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. 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, 24/02/2023



HR Department

Sant Pau Hospital Research Institute Foundation

