

INTERNAL PROMOTION CALL

The Institute

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 **Santa Creu i Sant Pau Hospital Research Institute Foundation** needs to incorporate at the **Genomics of Complex Diseases Group**:

T4B- Senior Research Technician

About the Unit / Group:

The Group of Genomics of Complex Diseases is an interdisciplinary translational research team, with expertise in several scientific domains: Omics Big Data, Molecular Biology, Statistics and Bioinformatics. To complement and enhance our current research lines on Genomics of Thrombosis and Sports Medicine, we have recently integrated the Vascular Biology Group (LABVI) together with the Vascular Surgery and Angiology clinical team of Sant Pau Hospital.

This means new capabilities to the group (expertise in cellular and tissue biology, biochemistry of inflammation mediators and functional analysis), creating a unique Vascular Research line

with more competitive orientation and big scientific potential.

The resulting group constitutes a consolidated basic and clinical team with translational and groundbreaking research lines, with the aim of transfer all the new knowledge that will be generated in Omics and molecular basic research to the clinical practice, working in the different areas of research with special focus on Personalized and Precision Medicine.

Main lines of Research:

- Angiology and Vascular Biology.
- Venous Thrombosis and Thrombosis and cancer
- Genomics in Sport Medicine
- Transversal Research Areas

Essential requirements

- Minimum qualification required: Doctorate Degree or speciality (MIR, QUIR, FIR, BIR)
- More than 4 years of demonstrable experience in the specific area of work
- Oral and written knowledge of the two official languages of Catalonia
- Advanced level of English
- Advanced knowledge of office tools (excel, word, power point, etc).

Skills will be valued

- Knowledge of genomics and personalized medicine
- Experience in R, Mlops, git, quarto and docker
- Good understanding of statistics with experience in causal models
- Linux server management experience
- Knowledge in genetic statistics, GWAS, RNAseq, LDSC, Mendelian randomization, collocation and finemapping.
- Experience in mixed models for the treatment of genetic data in families

Functions

- Management of servers, applications, users and data associated with the different active projects.

- Development of protocols for genetic analysis and post-analysis.
- Preparation of reports of results adapted to the biological environment
- Support for research projects

Offered

- Permanent contract, attached to the Research Line "Genomics of complex diseases"
- Annual working day of 1,627.50 hours (37.50 hours per week)
- Remuneration according to the Agreement
- Research Group: Genomics of complex diseases

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 , indicating the reference **2022/255**:

(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 submitting applications
will end on January 12 2023, at 3:00 p.m.**

**** This promotion is subjected to the payment of the extraordinary contribution by the Health Department. However, the application of the promotion will be retroactive to 1 January 2023, in the case that the mentioned contribution is received after this date.**

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, 31/12/2022



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