

The Institution

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 health by incorporating medical advances into clinical practice and health policies. Founded in 1992, it has been a centre of research excellence affiliated with the Autonomous University of Barcelona (UAB) since 2009 and, since 2011, a CERCA centre (Research Centres of Catalonia).

For the Foundation, it is a priority to ensure that the recruitment of the most suitable candidate for any position is carried out through an open, transparent, and merit-based selection process (OTM-R). Following these guidelines promotes staff mobility, knowledge exchange, and ultimately enhances the quality of teaching and research. In line with the European Union's human resources strategy, the selection and recruitment procedures of our institution are governed by a set of basic principles that guarantee equal access to employment. Accordingly, the constitutional principles of equality, merit, and capability are applied, in full compliance with current national and international regulations, specifically the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers (C&C). The principles of the C&C apply to the recruitment of all staff within the institution, regardless of professional category. For this reason, our Foundation has held the "HR Excellence in Research" award granted to IIB Sant Pau since 2015.

The **Research Institute Foundation of the Hospital de la Santa creu i Sant Pau** specifies

CANDIDATES interested in applying for Predoctoral Fellowships in Bioinformatics applied to hemorrhagic stroke.

A candidate is sought for the joint application for a PFIS predoctoral contract (Predoctoral Training in Health Research) in the March 2026 call of the Strategic Action in Health of the Carlos III Health Institute.

The selected candidate will develop their doctoral thesis within the framework of the FIS project awarded in 2025, **TIME-ICH**, a study of hematoma growth in hemorrhagic stroke using methylation, in the Neurovascular Pharmacogenomics and Genetics group (<https://strokemics.com/>) at the Sant Pau Research Institute (Barcelona). The work will be carried out in a highly translational environment, integrating epigenetic, clinical, and imaging data, with the aim of identifying therapeutic targets to reduce hemorrhage growth.



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Essential requirements:

- University degree granting access to doctoral studies (Bachelor's + Master's) in Bioinformatics, Biomedicine, Genetics, Biotechnology, or related disciplines.
- Alternatively, degrees in Mathematics, Statistics, or other quantitative fields, provided that knowledge in bioinformatics can be demonstrated.
- Previous research experience (Bachelor's or Master's thesis, internships, publications).
- Competitive academic record.
- Interest in biomedical research, especially genomics and analysis of genetic omics data.
- Ability to work independently and within a multidisciplinary team.
- Fulfillment of the eligibility requirements for the PFIS contract according to the current call of the Carlos III Health Institute.

Additional valued skills:

- Previous experience in bioinformatic and/or statistical analysis.
- Proficiency in languages and tools such as R, Python, Bash, bioinformatic pipelines, and Linux environments.
- Good level of scientific English (reading and writing).

It offers:

Appointment at the center will be conditional upon the awarding of the PFIS contract.

- Application for a PFIS predoctoral contract with a maximum duration of 4 years, in accordance with the conditions established in the official call.
- Doctoral training in an international group with extensive experience in genetics, pharmacogenomics, and stroke, within a leading biomedical research institute.



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Those interested must preferably deliver their Currículum Vitae in PDF, by email to the Management of the Santa Creu i Sant Pau Hospital Research Institute Foundation, address seleccio@recercasantpau.cat, indicating the reference **2026/006**

The submission period will end on January 26th, 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. 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, 12/01/2026



Departament de RRHH

Fundació Institut de Recerca de l'Hospital de Sant Pau