

INTERNAL / EXTERNAL CALL

The Institute

La **Fundació Institut de Recerca de l'Hospital de la Santa Creu i Sant Pau** (IR Sant Pau) és una fundació de caràcter científic que té com a missió millorar la salut i la qualitat de vida de la població, mitjançant la producció i difusió del coneixement científic, la formació d'investigadors a nivell internacional i el foment de la innovació i la salut mitjançant la incorporació dels avenços mèdics en la pràctica clínica i les polítiques sanitàries. Creat al 1992, és un centre de recerca d'excel·lència adscrit a la Universitat Autònoma de Barcelona (UAB) des de 2009 i, des de 2011, és un centre CERCA (Centres de Recerca de Catalunya).

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 Oncogenesis and Antitumor Drug group:

T2 PI25 ISCIII

About the Group:

The Oncogenesis and Antitumor Drugs group is a multidisciplinary team whose research aimed to develop and biologically validate new targeted nanomedicine to treat cancer. The main research lines in the lab are:

- Development of novel animal models of disseminated disease in solid tumours and haematological neoplasms for the mechanistic study of metastases and preclinical drug development.
- Identification of prognostic biomarkers in head and neck squamous cell carcinoma and their functional validation in vivo.
- Development of nanoconjugates for targeted delivery of antitumour drugs or toxins to metastasis stem cells.

The Group is within the Research Institute of the Hospital de la Santa Creu i Sant Pau (IIB-Sant Pau), which has been accredited as a Health Research Institute by the Health Institute Carlos III (ISCIII) and as a CERCA Center by the Generalitat of Catalonia. Additionally, the group is part of the Network Biomedical Research Center in Bioengineering, Biomaterials and Nanomedicine of the Health Institute Carlos III (CIBER-BBN, CB06/01/1031) and has been recognized as a Consolidated Research Group by the Generalitat of Catalonia since 2005 (2021SGR-01140).

Essential requirements

- Minimum qualification: Bachelor's degree in Biochemistry, Biotechnology, or a related field
- Oral and written proficiency in Catalonia's two official languages (Catalan and Spanish), or, if not currently met, the successful candidate must demonstrate—or commit to obtaining within a maximum of one year—an adequate command of both
- Intermediate level of English (written and spoken)
- Intermediate proficiency in standard office software (Excel, Word, PowerPoint, etc.)

Skills will be valued

- MSc degree in Molecular Biology, Biomedicine, or a related field
- Completed laboratory animal experimentation course (functions A, B and C)"
- Proven experience in mammalian cell culture
- Experience with proteomics workflows and/or data analysis

- Experience with molecular biology techniques (western blotting, PCR/qPCR, ELISA, cloning)
- Experience with statistical software (GraphPad Prism, SPSS, R)
- Track record of scientific output (peer-reviewed publications and/or conference poster presentations)

Functions

- The successful candidate will provide technical support to the project “Dissecting the cellular crosstalk of PDGFR β + cancer-associated fibroblasts as a tool to modulate therapeutic response in microsatellite-stable (MSS) colorectal cancer.” Responsibilities will include, but will not be limited to:
- Subcutaneous and orthotopic implantation of colorectal cancer cells in mice; drug administration; monitoring of tumor progression; tissue collection/harvesting
- Cell line maintenance; tumor dissociation; western blotting; qPCR
- Sample preparation for proteomics studies (cells and tissues)
- Maintaining accurate and complete laboratory records
- Preparation of solutions and routine laboratory reagents

Offered

- Contract linked to the PROJECT Dissecting the cellular crosstalk of PDGFR β + cancer-associated fibroblasts as a tool to modulate the therapeutic response in microsatellite stable colorectal cancer.



- Full-time position (37,5h/week; annual workload: of 1.627,50h)
- Remuneration in accordance with ISCIII salary tables
- Research group: Oncogenesis and Antitumor Drug Group

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 **2026/034**:

(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 March 18th, 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, 04/03/2026



Human Resources Departament

Santa Creu i Sant Pau Hospital Research Institute Foundation