



**SANT PAU**  
Campus Salut  
Barcelona



**Institut  
de Recerca  
Sant Pau**



## 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 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.



HR EXCELLENCE IN RESEARCH

The **Santa Creu i Sant Pau Hospital Research Institute Foundation** needs to incorporate at the **Oncogenesis and Antitumor Group**:

**R2B PostDoc Sénior**

## **Sobre la Unidad / Grupo:**

Grupo de Oncogénesis y Antitumorales develop protein-only nanoparticles and drug-nanoconjugates to attain selective and receptor-mediated drug delivery to cancer stem and metastatic cells. Both nanoparticle types achieve high tumor uptake and potent anticancer effect, without toxicity, in solid and hematological disseminated cancer models; however, shortly after treatment the cancer recidivate. We are now testing nanoimmunotherapies that induce immunogenic cell death and immune memory, in immunocompetent cancer models, to increase the percent of cures and their translation to cancer patients, through industrial transfer.

## **Essential requirements**

- Minimum doctoral qualification required (more than 5 years ago)
- Postdoctoral experience with the capacity to participate and/or direct one or more research projects
- High knowledge of English and computer science
- Oral and written knowledge of the two official languages of Catalonia or, failing that, the selected candidate must demonstrate, or undertake to acquire, within a period not exceeding one-year, correct knowledge of the two official languages of Catalonia.

## **Skills will be valued**

- Official accreditation to work with experimental animals
- Experience working with immunocompromised murine models in oncology (subcutaneous and orthotopic).
- Knowledge and high degree of experience in in vivo techniques including administration of compounds, necropsies, in vivo monitoring of bioluminescence, measurement of subcutaneous tumors, etc.
- Experience in cell culture techniques, molecular biology, immunology and cytometry.
- Participation in oncology research projects in academia or in the pharmaceutical industry

## Functions

- In vitro evaluation of the antitumor activity of targeted nanoparticles using standard cell culture techniques.
- Design and perform in vivo tests with murine animal models for the antitumor and antimetastatic evaluation of new protein nanoparticles.
- Performance of immunology, biochemistry, histology and cytometry techniques for the in vivo and ex vivo evaluation of samples obtained in trials with animal models.
- Analysis and interpretation of data, preparation of reports and presentation of results.

## Offered

- Contrato temporal adscrito a la línea de investigación "Nuevos nanofármacos proteicos para el desarrollo de terapias dirigidas agnósticas al tumor"  
Proyecto CPP2021-008946, financiado por MCIN/AEI/10.13039/501100011033 y por la Unión Europea "NextGenerationEU"/PRTR"
- Jornada laboral anual de 1.627,50 horas (37,5 horas/semana)
- Retribución según convenio
- Grupo de Investigación: Grupo de Oncogénesis y Antitumorales

## 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 **2023/241**:

### (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 December 31th, 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](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 18/12/2023



**Human Resources Departament**

Santa Creu i Sant Pau Hospital Research Institute Foundation

