

  Institut de Recerca Biomèdica Catalunya Sud	INTERNATIONAL CALL		
	OT-URE-FOR-004	Review: 00	Date: 03-07-24

INTERNATIONAL CALL IC19_26

JOB TITLE

POST-DOCTORAL POSITION AT IRBCatSud/IMIM

Researcher career profile (R2)

JOB DESCRIPTION

The Biomedical Research Institute of South Catalonia (IRBCatSud) is an institution that integrates research in the field of biomedicine in the “Camp de Tarragona” and the “Terres de l’Ebre”. The IISPV is the instrument that the university hospitals of both health regions have been endowed with (Joan XXIII University Hospital of Tarragona, Verge de la Cinta Hospital of Tortosa, Sant Joan de Reus University Hospital, Institut Pere Mata University Hospital of Reus) and Rovira and Virgili University, in order to bring together and manage biomedical research and innovation in the territory.

The successful candidate will join a young and dynamic scientific community and be supervised by two labs: the Gerard Muntané Lab, at the IRB Cat Sud, Tarragona, and Gabriel Santpere lab, at the Research Programme on Biomedical Informatics (GRIB-IMIM/UPF), located at the Biomedical Research Park of Barcelona. Gerard Muntané is a researcher in the Genetics and Environment in Psychiatry (GAP) group, which is part of the Strategic Area of Neurosciences and Mental Health of the IISPV. Gabriel Santpere is the head of the recently formed Neurogenomics group at the GRIB-IMIM. His group is interested in the mechanisms that lead to brain specializations, including the human manifestations of multiple neuropsychiatric disorders.

We are looking for highly motivated and qualified candidates for a 3-month contract to join a project funded by La Marató de TV3 entitled: “INSCRIPTION: An integrative approach to schizophrenia risk prediction leveraging genetics, brain imaging and neuroepithelium’s transcriptome”. The project focuses on the genetic bases of schizophrenia, and how we can combine multimodal data extracted from patients recruited for this project, to improve our prediction of the disorder. The candidate will co-lead the writing of results in a scientific manuscript.

Job offer linked to the project with identification code 202230 30 31 32, which has the support of the Fundació La Marató de TV3 as a financing entity.



The selected candidate will perform the following tasks:

- Conduct data analysis and prepare data for presentation in a peer-reviewed journal under the supervision of the project coordinators.
- Write the results in a manuscript format.
- Prepare the figures for final publication.

CANDIDATE PROFILE & REQUIREMENTS

- A PhD in Psychiatric/Behavioral genetics, Genomics, Bioinformatics, or similar fields is required.
- Knowledge of complex trait genomics
- Experience in the computational analysis of “-omics” datasets and in statistical genetics using Python and R.
- Good organizational skills.
- Good writing and oral communication skills.

IT WILL BE VALUED

- Experience with high-performance computing or use of clusters.
- Have a broad theoretical knowledge of psychiatric/behavioral phenotypes.
- Teamworking and ability to work independently.

LABOUR CONDITIONS

- Part-time position 20h/week (50%)
- Workplace: Facultat de Medicina de Reus (FMCS)
- Contract: Indefinite for scientific-technical activities linked to the project funded by La Marató de TV3 entitled: “INSCRIPTION: An integrative approach to schizophrenia risk prediction leveraging genetics, brain imaging and neuroepithelium’s transcriptome” (Approximately 3 months)
- Gross annual salary: 13.000 - 14.000€
- Starting date: May 2025

SELECTION PROCEDURE

- Selection of CV's. Suitable and unsuitable CV's will be identified according to the requirements. Applicants who do not meet the requirements indicated in the candidate profile and requirements will not pass to the next phase.
- Evaluation of the CV. Evaluation of the CVs up to a maximum score of 40 points.
- Cover Letter. Attach to the resume a cover letter with a maximum length of 2500 characters with spaces. With a maximum score of 10 points.

To access the interview phase it is necessary to have obtained a minimum score of 40 points in the sum of scores of the evaluation of the curriculum and cover letter

- Personal interview. With a maximum score of 50 points.

Items	50
Attitude	10
Fit in the work place	15
Experience, developed functions/skills	10
Teamwork	15

The selected person must have obtained a minimum score of 80 points in the sum of scores from the assessment of all phases of the selection procedure.

SELECTION COMMITTEE

- President: Gerard Muntané (Group Leader)
- Chair 1: Gabriel Santpere (Principal Investigator)
- Chair 2: Lourdes Martorell (Principal Investigator)

SUBSTITUTES:

- President: Elisabet Vilella (Principal Investigator)
- Chair 1: Maria Guardiola (Postdoctoral Researcher)
- Chair 2: Bernat Ballvé (Predoctoral Researcher)

CANDIDATURES

- The CV must include the DNI/NIE number or another personal identity document number.
- Send the CV and the Cover Letter through the form that you will find on the bottom of the offer page <https://www.iispv.cat/treballa-amb-nosaltres/>

For any questions or queries: recruitment@irbcatsud.cat

DEADLINE FOR RECEIPT OF CV 12/05/2026

COMMUNICATIONS

The IRBCatSud will notify the candidates of the results of the different phases of the selection process through its website.

HRS4R Research in HR Excellence

The IRBCatSud has the European accreditation The Human Resources Strategy for Researchers (HRS4R), complies with the general principles of the European Charter for Researchers and the Code of Conduct for the recruitment of researchers.

The IRBCatSud has an internal recruitment policy that follows the Open, Transparent and Merit-based Recruitment (OTM-R) policies. More information about the HRS4R policies implemented at the IISPV is available on the following website: <https://www.iispv.cat/hrs4r-hr-excellenceresearch/>

The IRBCatSud will guarantee the right to equal opportunities and treatment, as well as the real and effective exercise of rights by people with disabilities under equal conditions with respect to other citizens, through the promotion of personal autonomy, universal accessibility, access to employment, inclusion in the community and independent living and the eradication of any form of discrimination, in accordance with articles 9.2, 10, 14 and 49 of the Spanish Constitution and the International Convention on the Rights of Persons with Disabilities and international treaties and agreements ratified by Spain.

In the event of a tie, priority will be given to hiring the person with a disability.

In the event of a tie between people of different genders, the person of the least represented gender in the work group/department/service in which he joins will be hired.

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CHANGE CONTROL		
Date	Review	Modifications
03-07-24	00	Document creation