

Open position for: Research Area

TITLE: Bioinformatics Technician.

REF: CRE25-11

APPLICATION DEADLINE: February 10th 2026

CONTRACT: *Universitat de Barcelona*

START DATE: Expected february 2026.

WORKING HOURS: 35 hours per week (full-time)

DURATION: Permanent contract subject to funding

WORK SCHEDULE: Monday to Friday, split shift (8:30/9:30h – 17:00/18h)

GROSS SALARY: 21.306,87€; in accordance with the conditions set out in the call “Proyectos de Generación de Conocimiento 2024” of the *Agencia Estatal de Investigación*.

Job summary

We are looking for a highly motivated Bioinformatics Technician to join the Laboratory of Stem Cells and Regenerative Medicine, Department of Biomedical Sciences, Faculty of Medicine and Health Sciences, University of Barcelona, led by Principal Investigator Prof. Josep M. Canals. The position is linked to the national project “Proyectos de Generación de Conocimiento 2024” (PID2024-1553420B-I00): *Mejora y validación del medicamento de terapia celular para el tratamiento de la enfermedad de Huntington (IV4HD)*.

The candidate will perform integrative analysis of transcriptomic data from multiple technologies and species to uncover the molecular mechanisms underlying neuronal diversity and function.

Main tasks

- Processing and analysis of bulk RNA-seq, single-cell RNA-seq (scRNA-seq) and spatial transcriptomics data (Visium or similar technologies).
- Development and implementation of processing pipelines, including quality control, normalisation and identification of gene expression patterns.
- Integration of multi-omics data (e.g. transcriptomic, epigenomic or proteomic data).
- Development of scripts or packages for data analysis and visualisation.
- Contribution to the preparation of figures, reports and scientific manuscripts.

Requirements

- Bachelor's or Master's degree in Bioinformatics, Computational Biology, Biotechnology, Statistics or related disciplines.

- Demonstrable experience in RNA-seq data analysis, preferably scRNA-seq and/or Visium.
- Proficiency in R or Python and familiarity with Linux/Unix environments.
- Knowledge of bioinformatics packages such as Seurat, Scanpy, DESeq2, edgeR, Cell Ranger, SpatialExperiment, etc.
- Ability to work independently and as part of a team in a multidisciplinary environment.
- Good level of written and spoken English.

The following will be an asset:

- Experience in statistical modelling or machine learning applied to omics data.
- Knowledge of Git/GitHub, Nextflow or other pipeline management tools.
- Experience with neuroscience data or multimodal integration projects.

Expression of interest

Interested candidates should send their application through the following link:

<https://seu.ub.edu/ofertaPublicaCategoriaPublic/listPublicacionesAmbCategoria?categoria.id=853123>

ABOUT CREATIO

Creatio is the Advanced Therapies Production and Validation Center of the Faculty of Medicine and Health Sciences of the University of Barcelona. Our mission is to offer solutions based on advanced therapies in order to increase the efficiency of the healthcare system and the quality of life of society. Our experienced multidisciplinary team works with high quality standards. We establish strategic alliances with companies, research centers and hospitals to develop new projects and/or products in this innovative medical field.

The avandrug preclinical studies area is dedicated to the validation of new technologies and healthcare products under development for their regulatory approval.

With extensive experience in the sector, our qualified professionals offer public and private sector clients a wide range of preclinical studies carried out under high quality standards, ISO 9001:2015 and/or GLP quality standards, as well as technical and scientific advisory services.

For more information, visit: <https://www.ub.edu/creatio>