

Job description	
Job title	Bioinformatician
Job code	BIOINFO_1_052025
Full/part time	Full time
Field	Bioinformatics
Direct supervisor	Gustavo Rodríguez Esteban
Experience	No experience is required in a similar position, but any experience will be positively considered.
Languages	English and Spanish/Catalan
Starting date	As soon as possible
Education and field of expertise	Bachelor's or master's degree in bioinformatics, or equivalent demonstrated experience in the field.
Summary	<p>IrsiCaixa is seeking a highly motivated Junior Bioinformatician to join its Bioinformatics Unit.</p> <p>As a leading institution in biomedical research, IrsiCaixa generates and manages large volumes of complex data that are essential for advancing scientific knowledge in infectious diseases, immunity, and cancer.</p> <p>The successful candidate will work closely with researchers to analyze and interpret biomedical data, contributing to cutting-edge research projects within the Bioinformatics Unit.</p>
Job duties	<ul style="list-style-type: none"> • Provide bioinformatics support to the institution's research groups. • Collaborate closely with researchers on multidisciplinary projects. • Maintain, develop, and enhance data analysis pipelines. • Interpret results and evaluate their biological relevance. • Contribute to study design by offering data analysis expertise. • Assist in the preparation of technical reports. • Participate in interdisciplinary meetings and scientific discussions.
Candidate profile and qualifications	<ul style="list-style-type: none"> • Strong programming skills in Python and R for data analysis and visualization. • Experience in developing and maintaining pipelines within Linux environments. • Familiarity with high-performance computing (HPC), including parallel execution and workload managers. • Knowledge of using and developing software containers (e.g., Docker, Singularity). • Familiarity with good software development practices, including collaborative workflows using Git and platforms like GitHub. • Background in biology or life sciences. • Experience with databases and clinical data management will be a plus. • Knowledge of NGS, genomic and transcriptomic data including single-cell will be an asset.

	<ul style="list-style-type: none"> • Basic knowledge of statistics/statistical modeling, particularly as applied to biological data will be a plus. • Willingness to learn if missing any of the above. • Ability to work independently and within a collaborative research team, taking responsibility for your own tasks and projects. • Commitment to maintain regular communication with the supervisor. • Good organizational abilities and keen attention to detail.
What we offer	<ul style="list-style-type: none"> • Employment at a leading research center specializing in infectious diseases, immunity, and cancer. • You will interact with experts in medicine, genetics, and bioinformatics, gaining insight into cutting-edge clinical and research challenges, allowing you to enhance your skills, contribute to impactful research, and learn from a diverse range of projects across different disciplines. • Permanent position after a 6-month trial period. • Competitive salary commensurate with skills and experience, aligned with IrsiCaixa's salary scales. • Flexible work schedule. • Generous vacation package: 22 vacation days, an additional week off at Christmas, and 3 personal days. • Opportunities for professional growth and development. • Sponsored courses and training programs. • Access to state-of-the-art facilities, including well-equipped offices, comfortable common areas and a subsidized cafeteria.
Application deadline	Until the position is covered
Required documents	<ul style="list-style-type: none"> • Academic certificate awarded for the degree title • Curriculum vitae • Motivation letter • Contact information for references (optional, but a plus)
Selection process	<ul style="list-style-type: none"> • Pre-selection: evaluation of track record and CV. • Interview: short-listed applicants will be interviewed in person or online. • Offer: the job offer will be extended to the successful candidate upon completion of all interviews.
Application process	<ul style="list-style-type: none"> • Through the IrsiCaixa website • By sending an email to jobs@irsicaixa.es. Applications that do not include the job code in the subject line of the email will be disregarded.
Where to find us	IrsiCaixa Germans Trias i Pujol Hospital 2nd floor, Maternity building. Ctra. del Canyet, s/n. 08916 Badalona, Barcelona (+34) 93 465 63 74