



JOB DESCRIPTION	
Job Title /Researcher Profile	Postdoctoral Researcher in Bioinformatics to join the Retrovirology and Clinical Studies Lab (GREC) at IrsiCaixa
Job Code	GREC_Bioinfo_2021
Full/part Time	Full time
Field of work	Immunovirology. The current scientific interests of our group focus on characterizing the immuno-virological mechanisms of viral pathogenesis in human diseases, including HIV-1, Ebola virus, arenaviruses and, more recently, SARS-CoV-2. Our program has a translational character with the aim of investigating potential new viral therapeutic strategies, especially in the field of HIV/AIDS, through basic and applied research. The group is composed by an interdisciplinary, motivated and creative scientific team which is supported by innovative technologies.
Direct Supervisor	Prof. Javier Martínez-Picado, Head of the Retrovirology and Clinical Studies Lab
Required experience	Previous experience in Omics Data Analysis and Integration is required. Experience in one or more of the following fields preferred, but not required: immunology, virology, epigenetics, systems biology
Required Languages	English [Fluent]
Indicative Starting Date	Starting date to be determined between Dec-2021 and Jan-2022.
Minimum degree and field of knowledge	PhD in Bioinformatics or related fields.
Summary	We are looking for an enthusiastic and motivated bioinformatician to join the Retrovirology and Clinical Studies Lab at the IrsiCaixa AIDS Research Institute located in Hospital Germans Trias i Pujol in Badalona (Barcelona). This full-time dedication position requires a PhD in Bioinformatics and previous experience in Omics Data Analysis and Integration.
Offer /Job Duties	The selected candidate will work in biomedical research projects in the context of HIV-1 and COVID-19 infectious diseases, and will lead the data analysis of different omics and epigenetics studies and will provide bioinformatic support to other team members in the lab, both at the level of experimental design and data analysis.
Candidates profile / Qualifications	<ul style="list-style-type: none"> • High motivation • R and Python for the analyses of NGS sequence data and high dimensional biological datasets • Skilled in statistical techniques for dimensionality reduction and multi-omic data integration • Proficiency in the analysis, statistics and visualization of a range of datasets, including genomics and proteomics data • Experience working with single cell RNA-seq is a plus



	<ul style="list-style-type: none">• Ability to generate testable hypotheses, critically evaluate data, and to propose innovative solutions.• Fluid communication with collaborators to maintain them engaged in processes, co-design, analyze and interpret data• Ability to work in a dynamic team environment with good interpersonal skills• Skills for writing, editing, and submitting manuscripts/abstracts/reports detailing the results of the projects• Excellent written and oral communication skills in English• Good organizational skills and excellent attention to detail
Deadline for Application	Selection deadline: November 30 th , 2021
Required documents	<ul style="list-style-type: none">• Cover letter with statement of research interest• Academic certificate and record corresponding to the degrees (Degree, Master, PhD)• Curriculum vitae• 2 recommendation letters
Contact	Elisabeth Fernández E-mail: efernandezr@irsicaixa.es Please, insert job code in the e-mail subject: GREC_Bioinfo_2021