

JOB DESCRIPTION	
Job Title / Researcher Profile	BIOINFORMATICS ANALYST
Job Code	GREC_Bioinfo_01_2022
Full/part Time	Full-time dedication
Field of work	The current scientific interests of our group focus on characterizing the immuno-virological mechanisms of <u>viral pathogenesis in human diseases</u> , including HIV-1, Ebola virus, arenaviruses and, more recently, SARS-CoV-2. The group is composed by an interdisciplinary, motivated and creative scientific team which is supported by innovative technologies
Direct Supervisor	ICREA Res. Prof. J.Martinez-Picado , Head of the Retrovirology and Clinical Studies Lab
Offer / Job Duties	We are looking for an enthusiastic and motivated bioinformatician to join the Retrovirology and Clinical Studies Lab at the IrsiCaixa AIDS Research Institute located at Biomedical Campus Can Ruti in Badalona (Barcelona). The selected candidate will develop and apply bioinformatics methods to support multiple projects in the area of immunology and infectious diseases. She/he will assist in the development, implementation, and computational analysis of genomic, transcriptomic and epigenomic data during viral infections (mainly SARS-CoV-2/COVID-19 and HIV-1/AIDS) and their associated inflammatory processes.
Minimum Qualification	<ul style="list-style-type: none"> Bachelor's degree in Genetics, Biology, Bioinformatics, Biostatistics, Computational Biology, Computer Science, or a related field
Candidate profile	<ul style="list-style-type: none"> Experience in running, validating and analyzing single-cell RNA-seq data Downloading and analyzing publicly-available -omic databases Testing bioinformatics tools and provided feed-back R and Python for the analyses of NGS data and high dimensional biological datasets Proficiency in the analysis, statistics and visualization of a range of datasets, including genomics and proteomics data Interest in implementing and developing new tools for data integration analyses Good organizational skills: tracking project data and report analysis results Ability to work in a dynamic and international environment with good interpersonal skills Written and oral communication skills in both computational and experimental areas
We offer ...	<ul style="list-style-type: none"> An international collaborative research environment Impactful, innovative and interdisciplinary research projects Mixed basic and clinical research environment in Biomedicine State-of-the-Art infrastructure The stimulating environment of the Barcelona metropolitan area An open-ended research contract (initial 6-month appraisal) Salary commensurate to research qualification and innovation ability
Required Languages	English [Fluent]
Deadline for Application	March 20 2022, or sooner if a suitable candidate is found
Indicative Starting Date	During 1 st quarter 2022
Required documents	<ul style="list-style-type: none"> CV Cover letter with statement of research interest Academic record corresponding to the associated degrees (Bachelor, Master, PhD) At least 1 recommendation letter
To apply ...	Elisabeth Fernández E-mail: efernandezr@irsicaixa.es Please, insert job code in the e-mail subject: " GREC_Bioinfo_01_2022 "