

Date of publication of the job offer: 09 November 2020

Job title: Bioinformatician / Big Data Analyst: Understanding muscle regenerative decline with aging

Job description

We are currently seeking a highly motivated **Bioinformatician** to work closely together with wet lab scientists. The tasks include developing state-of-the-art approaches for exploration, integration and interpretation of high-throughput data, including NGS (RNA-seq, ATAC-seq and ChIP-seq), and performing computational biology analysis such as differential expression, transcription factor motif and pathway enrichment analysis. Applicants are expected to hold an academic degree (BSc, MSc, PhD in Bioinformatics, Biostatistics, or Life Sciences) and must have a good knowledge of Linux, bash scripting, statistical programming and data manipulation using e.g. R/Bioconductor or Python. Besides, some familiarity with HPC work environments would be desirable. Experience in epigenetic mechanisms of gene regulation and analysis of circadian rhythms is welcome.

This position is financed by financed by La Caixa Banking Foundation through a competitive grant entitled "Understanding muscle regenerative decline with aging (RegenerAge)", reference number HR17-00040.

Information on the minimum requirements

Candidates are expected to be fluent in English, have excellent communication- and interpersonal skills and be highly motivated to become an integral part of a driven and dynamic multi-disciplinary team. Strong applicants should show critical and independent thinking. We offer a dynamic and international working environment at the Department of Experimental and Health Sciences (UPF), located at the Barcelona Biomedical Research Park (PRBB), a world-class research institute offering a vibrant community of international researchers and state-of-the-art facilities.

Applicants should submit an application containing: motivation letter, CV and two referees contacts or recommendation letters to: Marina Raya Chamorro (marina.raya@upf.edu) and Pura Muñoz Cánoves (pura.munoz@upf.edu)

Application deadline: November 25th, 2020