



Date of publication of the job offer: 5/11/2024
Job title: Research Technician (ref. MELIS-PSR-INDF-2024-64)
Research line: Analysis of whole genome sequences in an extremely inbred human population
Project and Institution that finance the contract: CONSULTANCY SERVICES CONTRACT (University of Zurich)
Job description: The Evolutionary Population Genetics Lab (UPF) is seeking for an experienced bioinformatician to provide support for the analysis of whole genomes in an extremely inbred population. The applicant needs to show proficiency in the methodological procedures and software required to analyse ROH, estimate ROH ages, perform IBD analyses, determine effective population sizes, as well as to study mutation load and genetic purging. The applicant is expected to contribute to the analysis of the distribution of ROH islands as well as to the identification of regions of heterozygosity to infer putative candidate regions for selection. We seek a candidate with proven experience in team collaboration, actively engaging with fellow researchers, and contributing to a variety of assigned tasks.
<p>We are looking for a highly motivated candidate fulfilling the following requirements at the time of initiating the contract.</p> <p>Information on the minimum requirements</p> <ul style="list-style-type: none">● Degree and/or Msc in Computer Science, Bioinformatics or Biology. <p>Other requirements</p> <ul style="list-style-type: none">● Postdoc experience in International Research Groups● Laboral experience in a company or in a Research Group● Research publications on population genetics of consanguineous populations● Good fluency in English (both oral and writing)● PhD in Biology, Genetics, Bioinformatics or Computer Science.
Expected remuneration: gross annual salary of 25.554€
Group and complement: Group 1, complement O
Dedication and working time: 22,5h / week



Selection criteria:

- 1. Academic background: 0-20 points.*
- 2. Professional experience/Appropriateness to the proposed profile: 0-60 points.*
- 3. Other achievements: 0-20 points.*

Minimum score to pass the selection process: 80 points.

Selection Committee:

President: Elena Bosch

Member 1: Francesc Calafell

Member 2: Berta Alsina

Information on the application process.

Send CV by mail to recruitment.melis@upf.edu. It is mandatory to specify the REF: MELIS-PSR-INDF-2024-64 in the email subject.

Deadline to submit applications: 19/11/2024