



Date of publication of the job offer: 16/01/2024

Job title: Research Technician (ref. MELIS-PSR-INDF-2024-03)

Research line: Generation of data and genomics, transcriptomics, and proteomics analysis from human, primate, and other mammals.

Project and Institution that finance the contract: CR00318 - Conv. col·laboració establiment Cryo-Zoo

Job description:

The Comparative Genomics Group in the Comparative and Computational Genomics program of the IBE (<http://www.ibe.upf-csic.es/>) is willing to incorporate research technician before the end of February 2024. The candidate will be involved in the Cryozoo Project (Biobank of Animal Cell Lines), developing primary cell culture and iPSCs generation from samples of different animal species as well as cell characterization assays.

The research group that the successful candidate will join studies genomic variation in apes and other primates, including population genomics, gene regulation and epigenetics. The group is located at the Evolutionary Biology Unit of the Pompeu Fabra University (<http://www.upf.edu>) and is part of the Barcelona Biomedical Research Park (<http://www.prbb.org>), a renowned centre for Biomedical research that hosts, besides the University, other institutions such as the CRG (Centre for Genomic Regulation) or the EMBL. All these organizations share a thrilling and dynamic scientific atmosphere, driven by leading groups in fields such as bioinformatics, molecular biology and evolution. The PRBB is located close to Barcelona's City Centre (right in front of the beach).

The candidate will work developing primary cell culture and iPSCs generation from samples of different animal species as well as cell characterization assays.

We are looking for a highly motivated candidate fulfilling the following requirements at the time of initiating the contract.

Information on the minimum requirements

- Bachelor/master's degree in Biology (or related disciplines) or a lab technician qualification

Other requirements

- Experience in molecular and cell biology.
- Strong Tissue Culture experience for human and mammalian primary cells and iPSCs.
- Experience in gene editing.
- Experience with immunofluorescence, confocal and FACS analysis for cellular characterizations
- Knowledge of DNA and RNA extraction
- Lab management
- At least 3 years' experience in cell culture biology and iPS cell generation and differentiation.
- Strong Tissue Culture experience for human and mammalian primary cells and iPSCs.
- Experience in iPSC differentiation.
- Experience in gene editing.
- Experience with immunofluorescence, confocal and FACS analysis for cellular characterizations
- Someone who has highly developed organization skills.
- Someone who is highly motivated.
- Someone who can work in a group.
- Language skills: Spanish and English

Expected remuneration: between a gross salary of 31.797,34€ and 34.996,30€ depending on experience

Group and complement: between Group 2 lletra u and Group 2 lletra n, depending on experience

Dedication and working time: full time, 35h weekly



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: Tomàs Marquès Bonet

Member 1: Cira Martinez de Pablo

Member 2: Berta Alsina Espanyol

Information on the application process.

Send CV by mail to recruitment.melis@upf.edu. It is mandatory to specify the REF: MELIS-PSR-INDF-2024-03 in the email subject.

Deadline to submit applications: 30/01/2024