



Date of publication of the job offer: 19/03/2024

Job title: Research Technician (ref. MELIS-PSR-INDF-2024-16)

Research line: Phylogenetic genome-phenome analysis

Project and Institution that finance the contract:

“Integrative genomic analysis of longevity in humans, primates, and mammals: from amino acid changes to epistatic interactions”. AEI-PID2021-127792NB-I00/AEI/10.13039/501100011033. Agencia Estatal de investigación (AEI), Ministerio de Ciencia, Innovación y Universidades (MCIU), y el Fondo Europeo del Desarrollo Regional

Job description:

- Compiling and managing multispecies genomic databases
- Compiling and managing multispecies phenomic databases
- Carrying out based phylogenomic analysis
- Carrying out advanced genome-phenome analysis upon phylogenies
- Interpretation of results, including, but not limited to, the use of advanced publica databases containing functional information.

Information on the minimum requirements

- Batxillerat / FPII



Other requirements

- Bachelor/master's degree in Biology.
- Training in Bioinformatics
- Language skills: Strong English.
- Programming skills: Advanced programming skills in Python, NextFlow/Groovy, etc
- Statistical Skills: Advanced, including programming in R.
- Experience with Genome-phenome analysis techniques using phylogenetic approaches
- Experience with large phylogenomic datasets (MSA, large and heterogeneous phenotypic databases)
- Experience in international consortia.
- Highly developed organization skills.
- Someone who is highly motivated.
- Someone who can work in a group.

Expected remuneration: annual gross salary 17.985,80€.

Group and complement: categoria 3, lletra U

Dedication and working time: part-time, 22.5hrs

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.



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AGENCIA
ESTATAL DE
INVESTIGACIÓN

Convocatòria: MELIS-PSR-INDF-2024-16

Selection Committee:

President: Arcadi Navarro

Member 1: David Juan Sopeña

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-2024-16 in the email subject.

Deadline to submit applications: 03 d'abril 2024