Job Position: Postdoctoral Researcher in Computational Analysis of Gut Metagenomic Data

Project

This project is within the framework of "Sources of the Microbiome and Its Link with human health (SMILE)", PID2022-139328OA-I00 funded by MCIN/AEI/10.13039/501100011033/ FEDER, UE. SMILE focuses on characterizing the influence of microbiome acquisition (from human and non-human sources) in non-communicable disease pathophysiology.

Role

We are seeking a highly motivated **Postdoctoral Researcher** with a computational background to join the Microbiome Research Group at the Department of Medicine and Life Sciences (MELIS) of University Pompeu Fabra (UPF), a young and dynamic team.

Tasks

The researcher will further develop methods to assess transmission of gut microbiome strains, and apply them in stool metagenomic datasets. Transmissibility of both bacterial strains and functions will be assessed.

Qualifications

- PhD in Computational Biology, Bioinformatics, Biomedicine, Biology, Computer Science, or a related field
- Proficiency in Python and/or R
- Prior experience in metagenomics data analysis is highly desirable but not compulsory
- Proficiency in English, strong verbal and written communication skills

Position Duration: 2 years, 37.5h/week (extension possible depending of funding availability)

Estimated annual gross salary: Salary to be established based on candidate's experience.

Applications should be submitted to <mireia.valles@upf.edu> before **December 15, 2023.** Please use "**Postdoc PID2022**" as the subject of your email.