Biosfer Teslab is looking for a research technician within the framework of the **INVESTIGO AGAUR 2023** programme, to support the R&D department of the company and collaborate in the software development for the characterisation of the molecular fingerprint in metabolomics by nuclear magnetic resonance spectroscopy (NMR) for cardiometabolic disease in blood samples.

Job description

Biosfer Teslab is a spin-off company of the Rovira i Virgili University (URV) and the Pere Virgili Health Research Institute (IISPV). It operates in the field of in vitro diagnostics with the aim of providing analytical services for the study and monitoring metabolic alterations to advance in the knowledge and improve people's health.

In the framework of offering a new product, the company aims to develop a software for the characterisation of the molecular fingerprint in metabolomics by nuclear magnetic resonance spectroscopy (NMR) for cardiometabolic disease in blood samples.

Main responsibilities and tasks:

- Prospective study, technical feasibility.
- Extraction of information from the spectra obtained.
- Identification of the metabolic molecular fingerprint by profiling biomarkers of metabolic health and identifying those that are associated with an increased risk of cardiometabolic disease.
- Software development
- Clinical validation of the software

INVESTIGO programme requirements

- Be 16 years old or older and under 30 years old.
- Be registered as a non-occupational job seeker at the Public Employment Service of Catalonia.
- Not have been hired by Biosfer Teslab within 6 months immediately prior to the start of the contract.
- Proof of possession of a university degree.

Requirements of the position offered:

- Hold a degree in biomedical engineering, biotechnology or similar.
- Demonstrable experience in software development.
- Experience in metabolomics data analysis and interpretation
- Demonstrable experience in programming languages (R, Matlab, Phyton...).
- Experience working under Quality Management Systems
- High level of English (C or higher)

It will be an asset...

- Ability to work in a team.
- Organisation, planning and ability to work in a meticulous and precise manner.
- Analytical and decision-making skills.
- Computer skills
- Interpersonal skills

We offer...

- Temporary contract for 24 months from the date of joining.
- Full-time contract.
- Flexible working hours and the possibility of teleworking one day a week: work-life balance plan.
- Good working environment.
- We offer and promote a diverse and inclusive environment and welcome applicants regardless of age, disability, gender, nationality, race, religion or sexual orientation.

How to apply

Applications will be accepted from 09/06/2023 until the selection of the candidate. Interested persons will have to apply by sending an email to lcabau@biosferteslab.com including, a letter of motivation and Curriculum Vitae.

IMPORTANT: this is a blind CV call, this means that CVs in pdf format cannot contain personal data (name, surname, age, gender) or include a photo. CVs that do not meet these requirements will be excluded from the selection process.