

Researcher - Biochemist

We are looking for one Biochemist to join AccelBio, with the funding support of Investimento RE-C05-i02 – Missão Interface N.º 01/C05-i02/2022.

Job summary

AccelBio is a new Collaborative Laboratory and we are searching for a Biochemist, who will lead all the proteomics and metabolomics analyses involved in AccelBio's projects, namely those involving biomarker and target discovery. The ideal candidate should work independently and must have experience in project development, sample preparation, sample analysis by mass spectrometry and omics data analysis, particularly those by targeted, semi-targeted and non-targeted mass spectrometry data.

Responsibilities

- Plan and drive research projects in close collaboration with external scientists, aimed at discovering new biomarkers and candidate therapeutic targets for subsequent development into drug discovery programs;
- Manage collaborations with internal and external partners;
- Lead and execute studies involving mass spectrometry data acquisition and analysis;
- Concomitantly design and implement pipelines for MS analysis, sharing of results with collaborators;
- Contribute to the writing of projects and grant proposals;
- Submit grant proposals.

Required skills and qualifications

- PhD in Biological Sciences, Biomedical Sciences, or related fields;
- Good programming skills, experience in bioinformatics analyses;
- Knowledge in Statistics;
- High organization skills and strong work ethics (care, rigour, consistency, intellectual honesty);
- Proficiency in English, spoken and written, and excellent verbal and written communication skills;
- Team player, capacity to apply own expertise to drive projects spanning a wide area of diseases with a high unmet need (oncology, neuroscience and immunology);
- Ability to work in startup environment and with government, academia or industry.

Preferred skills and qualifications

- Expertise in Mass spectrometry data acquisition for proteomics and metabolomics studies;

- Advanced knowledge in programming in R and SPSS;
- Experience in analyses of proteomics and metabolomics data;
- Experience in outreach activities.

About AccelBio | Collaborative Laboratory to Foster Translation and Drug Discovery

AccelBio is a collaborative laboratory that aims to be the bridge that brings biomedical science closer to the market. With a set of partners that cover all the necessary capacities and expertise to drive drug discovery, AccelBio selects fundamental research discoveries and cutting-edge technology platforms and tools and guides the transformation of breakthrough science into validated and investment-worthy assets. AccelBio complements academic research groups and start-ups with industry-standard drug discovery capabilities - target validation, assay development, high-throughput screening, in silico modelling, medicinal chemistry, in vitro and in vivo testing, IP support and business development. Innovative platforms are also being developed within a well-defined R&I agenda that will further boost drug discovery. By providing these capacities and specialized expertise, AccelBio will de-risk drug discovery assets until they are ready to be out-licensed to industry or established as the foundation of new spin-off companies.

AccelBio consists of the following **associate members**

- Instituto de Medicina Molecular João Lobo Antunes
- Instituto Superior Técnico
- Universidade de Coimbra
- Biocant Park
- Roche Portugal
- BSIM Therapeutics
- CellmAbs
- TargTex
- Vertical Sentinel

Application: Submission of the CV, motivation letter and Degree(s) Certificates at AccelBio's website, from 23rd May 2023 up to 5th June 2023.

Selection methods: Curricular assessment (90%) and interview (10%). The jury will be composed by members of the Direction and the Management Team (Bárbara Gomes, CEO; Hugo Almeida, COO).

Monthly remuneration: Gross monthly remuneration is 3.209,67€ in accordance with the position of Assistant Researcher.

Start Date and workplace: The contract is expected to start in July 2023 with a duration of 24 months; the activities will be developed in AccelBio's Associate facilities, in particular, UC-Biotech (CNC-UC), Cantanhede, and/or other necessary locations to their execution.