

HIGH-THROUGHPUT SCREENING SCIENTIST

AccelBio is looking for one high-throughput screening scientist to join AccelBio, in the scope of the project <Pacto de Inovação “HfPT – Health from Portugal”>, with the funding support of «Agendas/Alianças mobilizadoras para a Inovação Empresarial» Component 5 of Resilience and Recuperation Plan (PRR) under the call n.º 02/C05-i01/2022.

Job summary

AccelBio is a Collaborative Laboratory and we are searching for a researcher specialized in high-throughput screening. The ideal candidate has experience in cell-based high-throughput and high-content screenings using small molecules and genomic libraries (RNAi, microRNA, CRISPR), assay development and miniaturization, image and data analysis. Specifically, the scientist will establish assays and perform screening to identify novel hits and novel regulators of disease. Preference will be given to candidates with additional expertise in host-pathogen interaction, design and implementation of tailor-made assays, and drug development activities. The position involves a combination of project management, and hands-on experimental work related to the high-throughput screening platform under the supervision of Miguel Mano at University of Coimbra, associate of AccelBio.

Responsibilities

- Plan and drive high-throughput/high-content screening projects aimed at discovering new therapeutic targets and new hits for further development into drug discovery programs;
- Operate the high-throughput screening platform, hosted by Miguel Mano laboratory at the University of Coimbra, associate of AccelBio;
- Design and guide experimental strategies with minimal supervision;
- Manage collaborations with internal and external partners.

Required skills and qualifications

- PhD in Biomedical Sciences or related fields;
- Experience in high-throughput and high-content screening with small compounds and/or genomic libraries, including assay development and image/data analysis;
- Experience in infection biology;
- Experience in working with drug discovery programs until preclinical phase, including target discovery selection and identification of hits;
- Capacity for scientific communication, oral and written;
- Team player, capacity to apply its 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

- Experience of collaborative projects with pharmaceutical and/or biotechnology industry;
- Experience in project management;
- Experience in writing projects and grant proposals;
- Willingness to learn new techniques and take over responsibilities.

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**

- | | |
|--|---------------------|
| • Gulbenkian Institute of Molecular Medicine | • BSIM Therapeutics |
| • Instituto Superior Técnico | • Valvian |
| • Universidade de Coimbra | • TargTex |
| • Biocant Park | • Basinnov |
| • Roche Portugal | • Vertical Sentinel |
| | • Biovance |

Monthly remuneration

Gross monthly remuneration is 3.209,67€.

Type and duration of contract

Fixed-term employment contract (7 months)

Start Date and workplace

The contract is expected to start in December 2025 with a duration of 7 months; the activities will be developed at the High-Throughput Screening Platform of University of Coimbra at UC-Biotech building in Cantanhede, Portugal.

Selection methods

Curricular assessment (90%) and interview (10%).

Members of the jury

The applications will be evaluated by a jury consisting of Dr. Silvia Almeida (PhD, President of the Jury), Dr. Bárbara Gomes (PhD), Dr. Ricardo Viais (PhD) and Dr. Miguel Mano (PhD).

Application

Submission of the CV, motivation letter and Degree(s) Certificates at AccelBio's website, from October 21st 2025 to November 3th, 2025.