

Date of post: February 27, 2025

Associate Scientist

Status: Full-time, Permanent

Location: Sherbrooke, QC, Canada

To apply to this position, please send your CV to: job1009@ability.bio

Are you looking to join a dynamic and growing team focused on delivering tomorrow's best-in-class antibody therapeutics in oncology and immunology?

Ability Biologics is using its discovery engine to systematically generate logic-enabled antibodies with the potential to surpass current treatment paradigms for patients. Our goal is to exquisitely and sensitively target discrete disease causing cells, ultimately increasing the therapeutic benefit while limiting toxicities. Our approach will also leverage the local disease microenvironment, and conditions that exist therein, such as pH and temperature differentials or the presence of certain metabolites, to tailor and focus our therapeutics. The team has deep experience in immunology, oncology, antibody discovery and engineering as well as drug development from the bench to the market, offering the ideal candidate a rich growth opportunity.

The ideal candidate for this role is a highly motivated and enthusiastic Associate Scientist who thrives working in cross-functional teams. This individual will focus on the screening and characterization of leads, and perform cell-based and biochemical assays using a variety of techniques. This is an exciting opportunity to contribute to drug discovery and development in a highly collaborative start-up biotech.

This position will be based at Ability Biologics' initial laboratory facility in Sherbrooke, QC, Canada. As part of our strategic expansion, the lab will be relocating to a prime location in Montreal within the next two years. Our corporate offices are located at 3 Place Ville Marie, Suite 400, Montreal, QC, H3B 2E3

Key Responsibilities

- Design and perform experiments to characterize the binding of antibody-based lead candidates to target (ie. ELISA, binding affinity).
- Design, perform, and analyze basic flow cytometry experiments on immune and tumor cells.

- Culture mammalian cells and perform cellular activity assays which may include T cell-directed tumor killing assays and measurement of cytokine production.
- Document, analyze, and interpret experiments.
- Present results and conclusions clearly and succinctly to the team.
- Maintain good written records of laboratory procedures, results, and conclusions.

Required Qualifications

- BS/MS in biological sciences or a related discipline with 0-3 years research experience in academia or biotech/pharma.
- Hands on experience with mammalian cell culture and cellular activity assays.
- Proficiency in data analysis (e.g., Excel, Graphpad Prism, FlowJo).
- Attention to detail and diligence in documentation of protocols and data
- Strong communication skills including discussion of data.
- Enjoys working in a team-oriented, multidisciplinary environment.

Preferred Qualifications

- Exposure to flow cytometry concepts and techniques with a basic understanding of cell staining and data analysis.
- Experience working with primary immune cells, live-cell imaging (e.g. Incucyte), and/or other cellular techniques.
- Experience with biologics drug discovery.

What We Offer

This is a unique opportunity to be among the first employees at a fast-paced, rapidly growing biotech startup with a bold vision. As an early employee, you will have a direct influence on the science, opportunities to gain new skills and join an ambitious, innovative, and collaborative team.

Interested candidates may send a CV/resume to job1009@ability.bio.

Ability Biologics is deeply committed to diversity, equality, and inclusion in all of its practices, especially when it comes to growing our team. We hope to continue to build a company whose culture promotes inclusion and embraces how rewarding it is to work with individuals from all walks of life.