



**Job Title:** Scientist, *In vitro* Biology

**Location:** Montreal, QC

**About Us:**

Ventus is a well funded, Versant Ventures and GV (formerly Google Ventures)-backed biotech company pursuing innovative small molecule therapeutics targeting key innate immune pathways for numerous auto-immune and auto-inflammatory diseases. Ventus was founded by scientific thought leaders in structural immunology and innate immunity who discovered that innate immune signaling leads to the formation of multimeric complexes that drive the subsequent inflammatory cascade. Leveraging the expertise of our founders, Ventus is the leader in pursuing biochemical and structure-based drug discovery for highly sought-after targets of the innate immune system. To learn more about Ventus Therapeutics visit [Ventustx.com](http://Ventustx.com).

**A Unique Opportunity in a Fast-growing Organization**

Ventus is seeking a highly motivated MSc level hands-on scientist to join our Biology team. We are looking for a talented, collaborative and dynamic biologist to support our preclinical research efforts, which will involve the development and execution of biochemical and cellular assays. This role is a unique opportunity to contribute to a well-funded start-up, using breakthrough science to drug previously challenging targets.

**Primary Responsibilities:**

- Develop and perform both biochemical and cell-based potency assays to support our small molecule pipeline
- Perform biochemical and cellular mechanism of action studies to characterize drug candidates
- Support characterization of *in vivo* preclinical models by processing and characterizing tissue samples
- Run qPCR assays to perform gene profiling of various *in vitro* and *in vivo* systems
- Work independently, communicate results effectively during team meetings, write technical reports, and participate in cross-functional teams

**Minimum Requirements:**

- B.Sc. with 7+ years of experience or M.Sc. with 3+ years of experience in academia, biotechnology and/or pharma companies
- Expertise in developing biochemical and cellular potency assays to investigate the mechanism of action of drug candidates
- Hands-on experience in a wide range of cellular and biochemical techniques/assays such as qPCR, SDS-PAGE/Western blotting, reporter bioassays, toxicity assays, binding assays ELISA and primary co-cultures (PBMCs)

- Excellent oral and written communication skills; ability to work both independently and within a team
- Ability to meet complex objectives under aggressive timelines in a rapidly changing environment
- Excellent organization, communication and interpersonal skills
- Proficient in analyzing data, and addressing technical challenges using analytical and problem-solving skills

**Preferred Experience and Skills:**

- Experienced in establishing the range, accuracy, intermediate precision, and repeatability of an assay
- Proficient in performing cell-based functional assays with human and mouse immune cells
- Experienced with immune cell profiling assays (example: flow cytometry, cytokine bead array)
- Experience with mouse and human whole blood assays
- Working experience in a regulated environment, following standard operating procedures (SOPs), real-time documentation of experimental work, and attention to detail
- Prior experience in immunology, immune-oncology or neurodegeneration is an asset

Ventus offers competitive benefits and compensation programs including incentive based stock and cash bonus programs in addition to a collaborative, academic and scientific based culture. If you would like to contribute to cutting edge science and be part of a innovative and team based company, send CVs to [careers@ventustx.com](mailto:careers@ventustx.com)