



## JOB POSTING

|                    |                                 |
|--------------------|---------------------------------|
| <b>Title:</b>      | <b>Laboratory Technician</b>    |
| <b>Department:</b> | <b>Research and Development</b> |

Sernova is a clinical stage company with headquarters in London, Ontario, developing regenerative medicine therapeutic technologies including its Cell Pouch medical device, therapeutic cells and immune protection technologies to sustain and enhance the lives of people living with chronic metabolic diseases. Our goal is to improve the treatment and quality of life of people living with diseases such as insulin-dependent diabetes, blood disorders such as hemophilia, and other diseases through the replacement of proteins or hormones that are missing or in short supply within the body.

We are a rapidly growing, publicly traded company that embraces diversity and fosters inclusion throughout our organization. For more information about us and our technologies, please visit [www.sernova.com](http://www.sernova.com).

### **I: General Functions and Scope**

We are looking for an enthusiastic, experienced, and highly motivated laboratory technician at Sernova Corp. The position will involve assisting in the research and development laboratory and performing project-based research under the direction of the laboratory manager and research scientists. This person must thrive in a fast-paced environment, be nimble to work on multiple activities simultaneously, and be motivated by the opportunity to contribute to the development of new technologies and their potential medical applications.

### **II: Specific Responsibilities**

#### **Corporate:**

- Develop and maintain relationships with research partners, as required for project needs
- Work together with other laboratory technicians and managers in the Sernova laboratory
- Support internal and external communication activities through updates and reports for internal team members and research partners
- Ensure confidentiality
- Maintain required attendance and adherence to work schedule in accordance with required staffing level to ensure that assigned duties are completed

#### **Project Responsibilities:**

- Perform laboratory tests to produce reliable and precise data to support scientific investigations



- Execute a wide range of work activities; ensure all duties and responsibilities are prioritized with supervisors and performed with accuracy and efficiency to provide quality results
- Carry out routine and general laboratory tasks accurately and following standard operating procedures (SOPs) to carry out analyses. Know-how on solution generation, concentration, and dilution calculations, pipetting large and small volumes required
- Troubleshoot procedures and assist in implementing modifications to Standard Operating Procedures (SOPs)
- Ensure the laboratory inventory is well-stocked and resourced
- Maintain and operate standard laboratory equipment, such as centrifuges, pipettes, and pH meters; Experience using of a variety of equipment such as autoclaves, microscopes, spectrophotometers, is preferred
- Prepare specimens and samples for *in vitro* and cell culture-based assays utilizing sterile techniques
- Carry out, with guidance, histological techniques including, but not limited to:
  - Specimen handling (frozen and fixed tissues) and storage requirements,
  - Tissue embedding
  - Sample sectioning with a microtome or cryostat
  - Immunohistochemical and immunofluorescence techniques suitable for microscopic examination
  - Histological imaging techniques such as fluorescence microscopy and image analysis
- May participate in projects involved with *in vivo* work, including small and large animal models, and may include animal surgical procedures
- Keep detailed, accurate records and produce end project reports for Project/Laboratory Managers/Research Scientists
- Prepare preliminary findings, including representation of results and images in report format
- Maintain a clean, safe, and orderly work environment
- Maintain appropriate levels of disposable or consumable supplies
- Ensure biohazardous and routine garbage is handled in compliance with Standard Operating Procedures (SOPs)
- Follow and ensure strict safety procedures and safety checks and adhere to Sernova Corp and safety policies and guidelines. Perform all tasks in compliance with Good Laboratory Practice Regulations (GLPs) and Standard Operating Procedures (SOPs)

### **III: Education/Knowledge and Experience**

- A minimum of a Bachelor's Degree (science), OR technical diploma program and relevant experience equivalent, is required
- Minimum 1-3 experience working in a research lab environment as a laboratory technician
- Computer knowledge in Microsoft Office and imaging software
- Willingness and ability to learn additional laboratory procedures
- Strong workplace safety practices



#### **IV: Skills and Core Competencies**

- Excellent English written and verbal communication skills
- Experienced and hands-on team player with excellent interpersonal skills
- Problem solving ability, creative and lateral thinking capability
- Ability to work independently and within diverse teams
- Ability to work under pressure, within time/resource considerations to accomplish objectives
- Pragmatic with a positive and supportive attitude
- Solution driven, highly collaborative and good communicator
- Demonstrated ability to effectively collaborate within a functionally and geographically diverse team
- Must be available to work flexible hours, if needed (occasional evening or weekend work)

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of Sernova Corp.

**Candidates interested in this opportunity should submit a cover letter and resume outlining their qualifications to [human.resources@sernova.com](mailto:human.resources@sernova.com) no later than June 28, 2022.**

**We would like to thank everyone for their interest, but only qualified candidates selected for an interview will be contacted.**