



## **JOB POSTING**

**Title:**                    **Laboratory Technician** (Imaging Experience)  
**Department:**        **Research and Development**  
**Reports to:**           **Laboratory Manager**

## **ABOUT SERNOVA**

Listed on the Toronto Stock Exchange, Sernova is a well-funded London, ON based clinical stage emerging biotechnology company focused on innovative science and technologies in the field of regenerative medicine and poised to make a global impact. We are developing novel cell therapy platforms and technologies, consisting of an implantable medical device and immune protected therapeutic cells for the treatment of chronic diseases, including diabetes, hemophilia and thyroid disease, with the potential to significantly improve the quality of life of millions of people worldwide.

Sernova is passionately focused on breaking through the current disease management paradigm, i.e. treating the symptoms vs. addressing the cause, by developing a ‘functional cure’ for diabetes. Our ongoing U.S. Phase 1/2 clinical study for the treatment of type 1 diabetes has produced encouraging interim results, including establishing insulin independence - a ‘functional cure’ - for multiple study patients.

We are accelerating our growth plans and looking to complement and build out our team with experienced, skilled, and inspired people that want to make an impact within a company that embraces diversity and fosters inclusion. We would love to hear from you about joining our team if you are up to the rewarding challenge to help us develop and introduce our innovative and breakthrough technologies to the world.

For more information about us and our technologies, please visit [www.sernova.com](http://www.sernova.com).

## **OPPORTUNITY DESCRIPTION**

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. This is a lab-based position working at the laboratories located in London, Ontario.

## **RESPONSIBILITIES**

- 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
- Develop and maintain relationships with research partners, as required for project needs
- 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 and immunological 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**
  - **ELISA-based 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);

### **EDUCATION/KNOWLEDGE AND EXPERIENCE**

- A minimum of a Bachelor's Degree (science), OR technical diploma program and relevant experience equivalent, is required
- Minimum 3 years experience working in a research lab environment with a focus on working independently on multichannel immunofluorescence staining and imaging, and generating publication-ready images



- Computer knowledge in Microsoft Office and imaging software, and updating data inventories
- Willingness and ability to learn additional laboratory procedures
- Strong workplace safety practices

## **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)

## **COMPENSATION**

- Salary and other compensation elements commensurate with experience and abilities
- Eligible for the Company's incentive Stock Option Plan and bonus program
- Comprehensive benefits package

## **ROLE LOCATION: LONDON, ONTARIO**

## **INTERESTED IN THIS OPPORTUNITY and MAKING AN IMPACT? ..... NEXT STEPS**

*If your skills, abilities, and experience align with the above, tell us how in a cover letter and submit along with your resume to [human.resources@sernova.com](mailto:human.resources@sernova.com)*

*Please note, only those candidates moving to the next stage of our recruitment process will be contacted the week of February 06, 2023. Follow-up emails are discouraged. We wish you the best in your opportunity search and career endeavours.*