

Laboratory Assistant-Histology

Sernova Corp – London, ON

Open Date: August 30th, 2019

Closing Date: September 30th, 2019

Job Title: Technical Assistant (Histology)

Location: Sernova Corp, London Ontario

Job Type: 1 year Contract; may be extended at the sole discretion of Sernova Corp

Start Date: Oct-Nov 2019

End date: October 31st, 2020 (opportunity for renewal)

Company Summary: Sernova is a publicly-traded, clinical-stage regenerative medicine company developing therapeutic technologies using an implanted medical device, the Cell Pouch™, and immune protected therapeutic cells to improve the treatment and quality of life of people with chronic metabolic diseases such as insulin-dependent diabetes, blood disorders including hemophilia, hypothyroid diseases and other diseases treated through replacement of proteins or hormones missing or in short supply within the body. The Cell Pouch™ is a novel, scalable, macro-encapsulation device designed for the long-term survival and function of therapeutic cells. The device is designed to incorporate with tissue, forming highly vascularized chambers for the transplantation and function of therapeutic cells, allowing them to release proteins and hormones as required by the body's natural functions to treat diseases. The device, along with therapeutic cells, has been proven to provide a biologically compatible environment for insulin-producing cells in humans and is currently in Phase I/II Clinical Trial at the University of Chicago Medicine.

Position Overview: As a Laboratory Assistant (Histology) at Sernova Corp, the position will involve assisting in the research and development laboratory, performing project-based research under the direction of the laboratory supervisor. Requirements and responsibilities of the laboratory assistant include, but are not limited to:

Requirements:

- Minimum BSc. Degree, or technical program diploma with relevant experience.
- 2-5 years' experience working in a histology research lab environment as a histologist.
- Computer knowledge in Microsoft Office and imaging software. Able to independently generate images for scientific journal publication
- Willingness and ability to learn additional laboratory procedures
- Strong workplace safety practices
- Must be well organized and have the ability to manage and prioritize several tasks at a time to ensure a commitment to high-quality results

- Strong verbal and written English communications skills. Weekly updates in report form to be generated
- Ability to work well independently, as well as in a team environment

Essential Duties and Responsibilities:

- Responsible for carrying out a wide range of work activities; ensure all duties and responsibilities are prioritized and performed with accuracy and efficiency providing quality results
- Ability to keep detailed, accurate records and produce end project reports to Senior Director R&D.
- Carry out routine and general laboratory tasks accurately and follow standard operating procedures (SOPs) to carry out analyses. Know-how on solution generation, concentration and dilution calculations, pipetting large and small volumes required;
- Demonstrate knowledge of several histological techniques including but not limited to specimen handling (frozen and fixed tissues) and storage requirements, tissue embedding and slide preparation, immunohistochemistry and immunofluorescence procedures of many different tissue types
- Where required, troubleshoot procedures and assist in implementing modifications to Standard Operating Procedures (SOPs)
- Demonstrate knowledge in histological imaging techniques such as fluorescence microscopy and image analysis will be considered as an asset
- Conduct and record instrument/equipment calibration and maintenance
- 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)
- Ensure confidentiality
- Maintain required attendance level and adherence to work schedule in accordance with required staffing level to ensure that assigned duties are completed

Work Environment: This is a high growth, fast-paced small organization. The ability to be productive and successful in an intense work environment is critical. Willingness and ability to travel domestically and internationally may be required; it is anticipated that this will be a small part of the work time as the clinical trial requires it.

The above job description is not intended to be an all-inclusive list of duties and standards of the position. Incumbents will follow any other instructions, and perform any other related duties, as assigned by their supervisor.

Compensation: \$17- \$23/hour (commensurate with ability and experience)

To Apply: Candidates interested in this opportunity should submit a cover letter and resume outlining their qualifications to admin@sernova.com, Attention: Sernova Hiring Committee, no later than Sept 30th, 2019.



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