



## **Cryobiologist / Scientist**

April 1, 2021

Edmonton, Alberta / Full-Time

PanTHERA CryoSolutions is a company that specializes in developing novel cryoprotectants for the preservation of cell and tissue constructs for regenerative medicine and cellular therapy applications. Our patented ice recrystallization inhibitor (IRI) technology exceeds our competitors' products by providing superior cryoprotection which increases cell recovery and product quality for our customers.

We are proud of our passionate, high-performance culture – one based on a set of values that are the cornerstone of who we are and how we hold ourselves accountable. Founded in 2018, we are headquartered in Edmonton, Alberta and operate a chemical synthesis and manufacturing facility in Ottawa, Ontario. We offer a collaborative and highly innovative work environment founded scientific excellence.

### **Job Summary**

We are seeking a dedicated and dynamic individual to join our cell and tissue cryobiology team in Edmonton, Alberta. The successful candidate will possess experience in cryobiology, cryopreservation, biobanking, will have experience working in a Quality environment and be able to work with an interdisciplinary team in a dynamic and high-paced environment.

### **Responsibilities**

- Work as a part of an interdisciplinary team to develop and optimize ice recrystallization inhibitor-based cryopreservation products.
- Executes bench-scale laboratory experimentation to develop and evaluate the safety and efficacy of solutions and methods for the cryopreservation of mammalian and non-mammalian cell systems.
- Critically analyze process data and write standard operating procedures
- Writes / reviews technical documents including project work plans, product design documents, and development reports

- Contributes to operation and preventive maintenance of laboratory equipment.
- Performs process characterization and assay validation as required.
- Establishes sound laboratory procedures and practices for maximum efficiency and reliability.
- Ensures and is accountable for compliant and safe laboratory practices at PanTHERA.
- Performs technical management of multiple projects concurrently in the laboratory.
- Maintains detailed records of all experiments performed.
- Presents and communicates experimental results effectively
- Works effectively in teams with diverse cultural and professional backgrounds
- Ensure project deliverables are met on time.
- Manage procurement processes in Edmonton and coordinate material and resources allocations.
- Works under minimal supervision, receiving specific instructions only on unusual problems or on matters which depart significantly from established policies and procedures.
- May supervise and train a team of Research Technicians or Research Associates.

### **Qualifications**

- MSc or PhD degree in biology, immunology, biochemistry, medical sciences, bioengineering or related discipline with 2-5 years of relevant laboratory experience in cryobiology and the cryopreservation of cell or tissue constructs is required
- Knowledge of tissue culture, cell selection, bioprocessing, biobanking, cGMP manufacturing, process development is preferred
- Strong knowledge of SOPs, batch records, deviations, CAPAs and highly regulated guidelines in cGMP / Quality environment preferred
- Highly adaptable and responsive to new priorities.
- Effective written and oral communication skills.
- Focused team-oriented player, with a strong work ethic, is required.
- Enthusiasm to tackle difficult problems, learn new technologies, and work in an exciting, high paced environment is a must.

### **Equity, Diversity and Inclusion Statement**

PanTHERA CryoSolutions is committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, or gender identity..

**How to Apply**

To apply to this position, please send a cover letter and your CV to [careers@pantheracryo.com](mailto:careers@pantheracryo.com).

This position will remain open until it is filled.