



Synthetic Organic Chemist

April 1, 2021

Ottawa, Ontario / 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 our chemical synthesis and manufacturing facility in Ottawa, Ontario. We offer a collaborative and highly innovative work environment founded upon scientific excellence.

Job Summary

We are seeking a dedicated and dynamic individual to join our chemical synthesis team in Ottawa, Ontario. The successful candidate will possess experience in modern organic synthesis, quality control 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.
- Independently design and execute experiments, collect, maintain and interpret data.
- Articulate and present results to the project team
- Synthesize target molecules as part of our product manufacturing team.
- Troubleshoot and optimize reaction sequences.
- Ensure manufacturing deliverables are met on time.

- Assist in development of quality control processes for small molecule carbohydrate synthesis and collect all necessary information to ensure compliance.
- Design and execute formulation, stability, and material compatibility studies to support regulatory filings
- Manage procurement processes in Ottawa and coordinate material and resource allocations.
- Work under minimal supervision, receiving specific instructions only on unusual problems or on matters which depart significantly from established policies and procedures.

Qualifications

- MSc degree in synthetic organic chemistry / medicinal chemistry is required with 2+ years of relevant laboratory experience in the pharmaceutical or biotechnology industry
- Demonstrated experience in developing and running chemical assays, analyzing data, summarizing & interpreting data is strongly 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.

This position will remain open until it is filled.