

Senior Research Scientist/Team Leader
Purification and Analytical Chemistry
Montreal (Job ID: SRS-PAC-MTL-2026-10)

SpiroChem AG is a pioneering research partner providing innovative solutions across the drug discovery and process R&D chemistry value chain. Founded in 2011 and headquartered in Basel, Switzerland, SpiroChem has a robust presence in proximity to key life science hubs with a second R&D site in Montreal, Canada. With dedicated world-class experts working, SpiroChem & Cyclenium offer the best chance of being successful, significantly de-risking research programs.

Role Overview

We are seeking a Senior Research Scientist acting as Team Leader for Purification and Analytical Chemistry. Reporting to the site director, the candidate will have responsibility for the planning, execution, completion and reporting of analytical and purification activities as part of the company's research and development efforts.

The role combines hands-on laboratory work and senior-level scientific expertise with the management of laboratory operations and team leadership, including personnel management, training and scientific oversight.

Key Responsibilities

- Perform analytical studies and testing, as well as preparative purifications of small organic molecules, notably libraries of macrocyclic molecules to support internal and collaborative drug discovery and development efforts.
- Develop and optimize HPLC and UPLC methods for the analysis of complex chemical entities.
- Design and execute purification workflows using normal-phase and reverse-phase preparative chromatography.
- Develop and implement efficient workflows making use of automation for the preparative purification of, notably, libraries of macrocycles.
- Operate and maintain the analytical and preparative instrumentation park, including troubleshooting, organizing repairs and purchasing new equipment as necessary.
- Prepare samples, perform analytical studies and quality control testing and report accurate results in

a timely manner.

- Assess new analytical and purification techniques and instrumentation, and contribute to their implementation.
- Prepare analytical method documentation and standard operating procedures, and maintain complete, up-to-date records of all work performed.
- Present scientific results internally and, when warranted, to external collaborators.
- Supervise, mentor, and support a team of analytical chemists, setting clear goals, assigning tasks, and overseeing project timelines.
- Conduct interviews, onboarding and training of new team members on instrumentation and lab procedures.
- Plan and prioritize work to meet project deadlines while maximizing efficiency and cost-effectiveness.
- Maintain a safe workplace and comply with all applicable laboratory safety and operational regulations and procedures.

Experience and Skills Required:

- One of the following:
 - PhD in Chemistry or Biochemistry with at least 6 years of relevant pharmaceutical or biotech industry experience, or
 - MSc in Chemistry or Biochemistry with at least 10 years of relevant pharmaceutical or biotech industry experience
- Demonstrated experience managing R&D staff.
- Strong expertise in instrumental analysis and purification of small organic molecules, particularly HPLC-based techniques.
- Broad knowledge of current techniques and instrumentation for the analysis and purification of small organic compounds.
- Good computer proficiency including standard office programs, use of chemical structure drawing programs, presentation preparation, online research tools and database searching.
- Ability to work successfully in a fast-paced, multidisciplinary, dynamic environment and maintain timelines.
- Strong analytical mindset, excellent technical skills, goal-oriented.
- Demonstrated project management and leadership skills.
- Very good interpersonal skills, dedication, attention to detail, ability to work in an interdependent team.
- Strong sense of responsibility and high reliability with excellent organization and time



management skills.

- Excellent oral and written communication skills, including presentations to technical and general audiences.

Salary Range

Gross annual base salary: CAD 90,000–98,000, depending on relevant experience and qualifications.

Application Process

Applications must be submitted to the email: jobs@spirochem.com, with a cover letter and CV with Job ID: SRS-PAC-MTL-2026-10 in the subject line.

