



Staff Radiochemist – Cyclotron (Research Associate 2),
Lawson - 1 position

Posting #: 54990

Lawson

Posting Date: May 14, 2025

St. Joseph's Hospital - London, ON

Submission Deadline: May 25, 2025

Temporary Full Time

Jennifer Pasichnyk, Human Resources

Non-Union

Salary Range: \$41.82 - \$52.27 /hour

Temporary full-time position until approximately June 30, 2030 (with potential for renewal), subject to the availability of work.

The Lawson Research Institute is one of Canada's best and most respected hospital-based research institutes. As the research institute of St. Joseph's Health Care London and working in partnership with London Health Sciences Centre and Western University, Lawson is committed to furthering scientific knowledge to advance health care around the world and to helping people live healthier lives by enhancing our knowledge of preventing, diagnosing, and treating disease.

Lawson is seeking a staff Radiochemist for its Cyclotron & Radiochemistry facility in London, Ontario

This is a 5 day (37.5 hours) per week position.

This facility uses a medical cyclotron to produce radioisotopes for Positron Emission Tomography (PET) imaging – the most advanced medical diagnostic imaging technology available today – enabling early and accurate detection of cancer and diseases of the heart and brain.

The successful candidate will report to the facility director, become a key part of a research/clinical team in an academic hospital environment, and be expected to:

- Develop and translate PET tracers for clinical and preclinical imaging
- Validate processes for manufacturing PET tracers, including radiosynthesis, purification, formulation, and quality control testing, according to Health Canada guidelines (e.g. GLP, GMP)
- Author standard operating procedures and master batch documents for routine manufacturing
- Prepare Chemistry and Manufacturing Compliance packages for clinical trials application (CTA) submissions to Health Canada
- Ensure compliance with all regulatory commitments including Health Canada and the Canadian Nuclear Safety Commission
- Train technical staff to produce PET tracers on a routine basis
- Provide technical expertise to troubleshoot manufacturing issues
- Safely operate the cyclotron and other radiochemistry equipment to support preclinical and clinical research needs
- Periodic routine production, packaging and shipping of radioisotopes, as needed

Essential Qualifications

- M.Sc or Ph.D in chemistry
- Minimum 1 year experience working in the field of PET or SPECT radiochemistry
- The candidate must consent to working as a Nuclear Energy Worker in a safe, but radioactive environment

Preferred Qualifications

- A publication track record in the field of PET or SPECT radiochemistry

- Functional knowledge of analytical chemistry testing equipment and procedures (e.g. HPLC, GC, radio detectors)
- Demonstrable skills in synthetic organic chemistry
- Functional knowledge of GMP and regulatory systems in Canada and globally (FDA, EMA, USP, ICH, etc.)
- Experience with quality management systems (quality control testing, quality assurance, GMP, GLP)
- Proven strong troubleshooting and hands-on problem-solving skills
- Ability to work independently with strong organization and communication (oral and written) skills
- Demonstrated ability to prioritize projects and manage deadlines in a constantly evolving environment
- Knowledge of environmental health and radioprotection requirements.
- Experience with computer systems for general tasks (word processing, spreadsheets, PDF, etc.) and operating laboratory equipment

Immunization Requirements

- Provide vaccination records or proof of immunity against measles, mumps, rubella, varicella (chicken pox), Hepatitis B, COVID-19 and influenza.
- Provide documentation of the Tuberculosis skin testing

Your interest in this opportunity is appreciated.

*Human Resources and Leaders use your profile information to evaluate your application for the vacancies you apply to.
Only those under consideration will be contacted.*