



Postdoc – Nuclear Medicine/Radiochemistry

[TRIUMF](#) is Canada's particle accelerator centre, and one of the world's leading laboratories for particle and nuclear physics and accelerator-based science. We are an international centre for discovery and innovation, advancing fundamental, applied, and interdisciplinary research for science, medicine, and business.

At TRIUMF, we're passionate about accelerating discovery and innovation to improve lives and build a better world. Equity, diversity, and inclusion are integral to excellence and enhance our ability to create knowledge and opportunity for all. Together, we are committed to building an inclusive culture that encourages, supports, and celebrates the voices of our employees, students, partners, and the people and communities we serve.

The Life Sciences Division at TRIUMF is growing fast and is exploring the potential use of TRIUMF Facilities to produce medical radionuclides. The division has access to multiple cyclotrons to produce desired radionuclides, as well as world class radiochemistry facilities for further processing and radiolabeling and has active collaborations with national and international research centres on the design and testing of radiopharmaceuticals based on the TRIUMF produced radionuclides. In support of this, we are currently accepting applications for a Postdoc to join our team and focus on the radiochemistry of therapeutic and imaging radionuclides.

The successful candidate will have the opportunity to work in the production, radiochemical purification and radiolabeling of radionuclides. The successful applicant's responsibilities will include, but are not limited to:

- Providing research and technical support on production and radiochemical purification of medical radionuclides
- Assisting in the radiochemical separation and radiolabeling of therapeutic and imaging radionuclides
- Assisting with the preparation of grant proposals and scientific manuscripts
- Assisting in the supervision of undergraduate and graduate students

Applicants must have a recent or imminent Ph.D. in nuclear medicine, ideally related to radiochemistry or another closely related discipline in radiopharmaceutical science, and experience working with radioactivity. While not required, applicants with experience with various analytical techniques (gamma and alpha spectroscopy, ICP-MS, TLC, HPLC, etc.), production, radiochemical separations for radiometals, and radiolabeling of biomolecules will be given preference.

This position will be based at TRIUMF, and the term of employment will be based on an initial commitment of one year. This may be renewed for a second term, based on mutual satisfaction and continued funding. Salary will be competitive depending on experience.

When submitting your application as detailed below, please include a detailed CV with a list of publications, and arrange for 3 letters of recommendation to be sent directly to the email below.

TRIUMF is an equal opportunity employer, and we welcome applications from all qualified candidates. Your complete application package should be submitted by email to recruiting@triumf.ca and will include the following in one complete PDF file:

- Subject line: Competition 732
- [Employment Application Form](#)
- Cover letter indicating salary expectations
- CV

Applications will be accepted until the position is filled.