

Postdoctoral Associate Peptide Discovery for Theranostics

The Luyt Research Group (www.LuytGroup.com) seeks a Postdoctoral Associate with expertise in peptide chemistry. The applicant must have received a Ph.D. in **Chemistry** or **Biochemistry** within the past five years. The incumbent will lead a project on the synthesis, screening and evaluation of peptide libraries to discover cancer specific agents for use as theranostics. Requisite skills include solid-phase peptide synthesis and the evaluation of candidate molecules for receptor interactions. Additional skills of relevance include: conjugation chemistry, metal coordination chemistry, LCMS, cell culture, cancer targeting, and biophysical interaction techniques. The applicant must have excellent communication skills.

The project entails interaction with a Canada-wide team that looks to, “advance radiopharmaceutical therapy to transform the outcome of patients with advanced metastatic cancer.” The position is situated in the Cancer Research Laboratory Program at the Verspeeten Family Cancer Centre, part of London Health Sciences Centre in London, Canada. Additional facilities for the project are located in the Department of Chemistry, Western University and at the Nordal Cyclotron & PET Radiochemistry Facility, St. Joseph’s Hospital.

The position will start in the fall 2024 or winter 2025. Salary will be based upon tricouncil guidelines and the qualifications of the applicant. Benefits are provided, as indicated at: www.uwo.ca/hr/benefits/your_benefits/pda/index.html. Applicants may apply by email to Dr. Len Luyt, lluyt@uwo.ca and must include “PDA” in the subject line. Include your CV, list of three professional references, and a highlights document (pdf) of your research accomplishments. Deadline for applying is September 30, 2024 or until the position is filled.

About Western

Western University ranks as one of Canada’s top research-intensive universities. From fundamental to applied discovery and other scholarly activities, its scholars advance knowledge that provides tangible benefits for the economic, social, health and cultural development of citizens in London, in Canada and around the world. London, also known as the Forest City, is an affordable and lively community close to the Great Lakes and two hours from Toronto.

Western Values Diversity

The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Indigenous persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression. Accommodation is available for applicants with disabilities.