



Department of Chemistry and Biochemistry

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Postdoctoral Researcher – Chemical Biology of Conjugated Nanomaterials

Position Description: A multidisciplinary research team from the Departments of Chemistry and Biochemistry and Biomedical Sciences at the University of Windsor is seeking an outstanding, highly motivated candidate for an immediate postdoctoral researcher opening working in the broad field of chemical biology. The candidate will take a leading role in the evaluation of novel nanomaterials against glioblastoma multiform both *in vitro* and *in vivo*. An important part of the project will also be dedicated to collaboration with materials chemists to optimize and improve the nanomaterials platform.

Main responsibilities: Experimental design and work in a wet lab setting, *in vitro* and *in vivo* work including mouse PDX models, preparation of manuscripts and reports, publication and presentations of the research results, and assistance with writing research grants, IP protection documents, etc.

Research Environment: The position will be bridging multiple research disciplines across chemistry, biochemical biology, cancer research and materials science. This research will be performed jointly between the groups of Profs. Simon Rondeau-Gagné (he/him) (Chemistry and Biochemistry) and Lisa A. Porter (she/her) (Biochemical Sciences), with access to the combined resources of these two groups. Both labs are housed in the new Essex Centre of Research, a *state-of-the-art* research facility equipped with a full range of advanced instrumentation for chemical, surface, mechanical, and electrical characterization.

Qualifications: Prospective candidates should have previous hands-on experience in chemical biology including including protein and nucleic acid work, immunocytochemistry and immunohistochemistry, *in vitro* work and *in vivo* work including mouse PDX models. Previous experience with nanomaterials is not required but would be advantageous. Strong written and verbal communication skills are required for this position, especially in the context of a highly multidisciplinary effort. As part of the Postdoctoral training, the applicant will be required to help supervise and train graduate and undergraduate students with varied disciplinary backgrounds.

The initial appointment will be for one year with a possible extension. The position is opened to start in October 2021. Applications will be considered until the position is filled.

For information on the project and position, interested candidates are encouraged to contact Prof. Simon Rondeau-Gagné (srondeau@uwindsor.ca) or Prof. Lisa A. Porter (lporter@uwindsor.ca). Please include a CV, brief description of research interests, and contact information for three professional references.

Institution: The University of Windsor is a comprehensive research and teaching institution with more than 15,500 students. We are a welcoming community committed to equity and diversity in our teaching, learning, and work environments. In pursuit of the University's Employment Equity Plan, members from the designated groups (Women, Aboriginal Peoples, Visible Minorities, Persons with Disabilities, and Sexual Minorities) are strongly encouraged to apply and self-identify.