

POSTDOCTORAL POSITION

Sipione Laboratory

Job Description

A post-doctoral position is available to study the role of glycosphingolipids in the biogenesis, secretion and clearance of extracellular vesicles (EVs) in the context of brain health and disease. This is full-time on-site position in the laboratory of Dr. Simonetta Sipione at the University of Alberta, Edmonton, Canada (<https://sipionelab.org>).

Eligible candidates will be involved in an exciting area of research with clinical relevance.

The project will be developed with a multidisciplinary approach involving the use of biochemical, molecular, cell biology and neurobiology techniques.

The University of Alberta is recognized internationally for its excellence in research and education across a wide range of disciplines and is a hub for world-class innovation.

Role Description

The Postdoctoral Researcher will lead an independent research project and contribute to collaborative projects within the group. Responsibilities include designing and conducting experiments, collecting and analyzing data, preparing manuscripts for publication, and assisting in the development of grant proposals.

Qualifications

- PhD degree in disciplines related to biomedical research.
- Demonstrated scientific productivity and a minimum of 2 peer-reviewed publications in international journals.
- Excellent laboratory and research skills.
- Expertise in confocal microscopy, basic biochemistry and cell biology techniques.
- Excellent written and oral communication skills in English.
- Effective teaching skills, including mentoring students and presenting scientific concepts.
- Excellent organizational and collaborative skills.

Preferred Start Date: January 2026

To Apply:

Forward your CV, a cover letter that outlines your career objectives and why you are a good fit for the project, and contact information for three references to:

Dr. Simonetta Sipione

Email: ssipione@ualberta.ca

Closing date: Position open until filled

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.