



**Graduate Student Position
Biology Department
Acadia University**

Supervisor: Melanie Coombs, Biology

The following positions are being advertised for research in the Coombs Lab at Acadia University. Applications will be accepted for a student interested in a graduate (M.Sc.) position.

POSITION SUMMARY:

Seeking a highly motivated candidate for a full time M.Sc. student position to study the effects of host defense peptides on colon cancer cells. The selected candidate will be encouraged to develop a thesis project related to a grant funded by Research Nova Scotia “Improving the clinical potential of the anti-cancer peptide Mastoparan”.

Requirements:

A strong undergraduate degree in biology, microbiology and immunology, biochemistry or other related areas is required. Candidates applying for M.Sc. are expected to have some prior research experience (e.g. honours thesis) from undergraduate training as a prerequisite. Relevant training in basic science research methodologies and a working knowledge of techniques such as cell culture, flow cytometry, western blotting, and qPCR are considered assets. The successful candidate must be able to work well independently as well as with a team and have excellent communication skills. The candidate will be registered in a Master of Science program at Acadia University and is expected to contribute within the Coombs Lab in Wolfville on site for the 2 year program.

Start date: January 2023

Stipend: Current stipends for graduate students is approximately \$20,000 per year. Funding is for 2 years and comprised of research funding supplemented with teaching assistantships and/or scholarships. Students are encouraged to apply for additional funding. Applicants must hold a B.Sc. in biology or a related discipline and meet requirements for admissions as a graduate student to Acadia University.

Deadline for application: November 30, 2022, or until the positions are filled.

Applications will be reviewed as they are received. We thank all applicants; however, only selected candidates will be contacted. Applications from all qualified individuals are welcome; however, Canadians and permanent residents will be given priority.

Interested candidates should forward a cover letter (describing how your skills match the requirements of this position), CV/resume, final academic transcript, and contact information for three academic/professional references to:

Dr. Melanie Coombs, Ph.D.

E-mail: melanie.coombs@acadiu.ca

www.melaniecoombs.com

Please refer to the following websites for additional information:

<https://www2.acadiu.ca/academics/graduate/biology.html>

<http://gradstudies.acadiu.ca/>

<https://biology.acadiu.ca/Graduate-Program.html>