

GRADUATE STUDENT POSITION AVAILABLE

M.Sc. [BIOLOGY] UNIVERSITY OF PRINCE EDWARD ISLAND

A highly motivated student is being sought to pursue a M.Sc. in Biology .

This is a fully funded graduate studies position through a grant from N.S.E.R.C.

Applicants must hold an undergraduate degree [B.Sc. in Biology or related discipline] upon commencement of the program.

The research will investigate the role(s) of ORNITHINE DECARBOXYLASE , ANTIZYME, AND ANTIZYME INHIBITOR in the REGULATION OF CELLULAR GROWTH in RAS-TRANSFORMED CELLS. [Ornithine decarboxylase regulates the synthesis of polyamines which are a pre-requisite for cell growth. The antizyme regulates the expression of ornithine decarboxylase and antizyme's activity is regulated by the antizyme inhibitor. This project will examine the expression of these activities in cell lines of varying degrees of cellular transformation. Molecular and cellular biology -based approaches will be used for this *in vitro* cell based research project.]

Interested students should contact :

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The successful applicant would be required to begin their research program in September, 2009.

Application for graduate studies information is also available on the U.P.E.I. website.