PhD or MSc Position in Veterinary Pathology / Innate Immunity

A PhD or MSc position is available in the laboratory of Dr. Jeff Caswell (http://ovc.uoguelph.ca/pathobiology/faculty/jeff-caswell-0), Department of Pathobiology, Ontario Veterinary College, University of Guelph. The research project will investigate host-pathogen interactions in Mycoplasma bovis pneumonia of beef cattle. Mycoplasma bovis pneumonia has recently emerged as a major cause of disease and death in Canadian feedlot beef cattle. The project uses in vitro and in vivo studies to evaluate the hypothesis that prior inflammation affects how lung macrophages respond to M. bovis infection, dysregulating the balance between those responses that control infection vs those that cause lung damage and severe disease. These findings are expected to lead to improved methods for control of this disease.

The starting date is September 2017. The deadline for applications is 30 May 2017, or until a suitable applicant is identified. Information on how to apply is available at: https://www.uoguelph.ca/graduatestudies/apply

Please contact Dr. Jeff Caswell (jcaswell@uoguelph.ca) for more detailed information and specific questions on the project.

Further information and detailed instructions for application are available from the graduate program assistant, Ms. Donna Kangas Department of Pathobiology, Ontario Veterinary College, University of Guelph, Guelph, Ontario, Canada N1G 2W1; email pathgrad@uoguelph.ca; phone (519) 824 4120, Ext. 54725.

The University of Guelph is committed to an Employment Equity Program that includes special measures to achieve diversity among its faculty and staff. We therefore particularly encourage applications from qualified aboriginal Canadians, persons with disabilities, members of visible minorities, and women.