M.Sc/Ph.D. opportunity: Development of an antibody-based method for the environmental detection of the wheat pathogen *Puccinia striiformis*.

Agriculture and Agri-Food Canada, Lethbridge, Alberta, Canada

The research project seeks to develop an antibody-mediated proximity ligation assay specific to *Puccinia striiformis*, the causing agent of stripe rust in wheat. The work will consist of developing a proximity-ligation assay using rabbit polyclonal antibodies previously produced in our laboratory, for the highly sensitive detection of *P. striiformis* spores using a combination of immunological and molecular biology techniques. Experience and knowledge in safe laboratory techniques, molecular biology, immunology and plant pathology is desirable.

Funding includes a scholarship of $20,000.00 (CAN) per annum, travels and research costs.

For further information and/or to apply, please email or send letter of application, including CV and contact details for 2 referees to:

Claudia Sheedy (claudia.sheedy@agr.gc.ca) and André Laroche (andre.laroche@agr.gc.ca) , Lethbridge Research Centre, Agriculture and Agri-Food Canada, 5403 1st Avenue South, Lethbridge, Alberta, Canada, T1J 4B1.

This position is available via the University of Lethbridge (Department of Biology).

Screening of candidates starts January 2014 until position filled.