Post-doctoral Position, University of Saskatchewan

A postdoctoral position is available immediately in the Department of Biology at the University of Saskatchewan. We are looking for a highly motivated candidate to work on the molecular biology of the plant-pathogen (*Plasmodiophora brassicae*) interaction resulting in clubroot disease in canola. The current project will utilize various molecular, cellular, and biochemical techniques to identify and functionally characterize candidate effector proteins, and to identify the associated host targets and pathways that define the outcome of the plant-*P. brassicae* interaction. The candidate will use acquired knowledge to explore novel strategies for creating resistant canola varieties. The successful candidate will have a background in plant pathology and an excellent knowledge of molecular biology and functional genomics for gene function validation as well as a basic understanding of next-generation sequence data processing and analysis. Excellent organizational, written/verbal communication skills and ability to work in a multicultural environment are essential.

The Department of Biology, University of Saskatchewan is located in Saskatoon, Saskatchewan, Canada. The Department of Biology is located in a modern collaborative research building with state of the art laboratory and greenhouse facilities, and access to both Confocal and Electron Microscopy. Saskatoon is home to a dynamic plant biology research community. In addition to research groups in Biology and the College of Agriculture and Bioresources the U of S campus is home to the Global Institute of Food Security, AAFC and NRC-Saskatoon.

The position is available immediately. Screening of applications will continue until the position is filled.

Applications, including cover letter, cv, transcript and the names and contact for three references can be submitted to clubroot.job@usask.ca with the subject line, "PDF opportunity."

The University of Saskatchewan is an equal opportunity, affirmative action employer and actively seeks diversity among its employees.