

## **Post-doctoral Fellowship in Plant Science, 2014-16 University of Manitoba, Canada**

**POSITION START DATE:** September 1<sup>st</sup>, 2014 for two years

**CLOSING DATE FOR APPLICATIONS:** August 31, 2014 or until position is filled

**RANK:** post-doctoral fellow

**SALARY RANGE:** commensurate with qualifications and experience

There is a two-year Post-Doctoral Fellowship position available in Plant Science. The successful candidate will work on a NSERC CRD project, studying blackleg resistance in canola and rapeseed. The candidate is required to have strong knowledge and experience in plant genetics, genomics, and bioinformatics. The candidate must have a strong background in bioinformatics and will manage the bioinformatic analysis for the project. Additionally, the successful candidate will also perform interaction analysis of cloned blackleg resistance genes and avirulence genes in canola and rapeseed. The candidate will work together with the principal investigators, Drs. Genyi Li, Robert Duncan and Dilantha Fernando and graduate students in the CRD project.

The candidate will work independently in this collaborative research project and also help graduate students perform data analysis in bioinformatics. The candidate will have opportunities to develop new approaches and tools in plant bioinformatics.

**Qualifications:** A Ph.D. graduate in plant breeding, genetics, genomics, physiology, pathology or molecular biology is required. The candidate should have working experience on processing next generation sequencing data such as RNA-seq data or genotyping by sequencing data. A candidate who has performed protein interaction research such as yeast two or three hybrid analysis is also preferred.

### **CONTACT:**

Applicants should send their curriculum vitae, a cover letter expressing their research experience and research interests, and the names of three referees by email or regular mail to:

Dr. Genyi Li  
Associate Professor  
Department of Plant Science  
University of Manitoba  
222 Agriculture BLDG  
66 Dafoe RD, Winnipeg, Manitoba, Canada R3T 2N2  
Tel: 204-474-7192  
Email: [Genyi.li@umanitoba.ca](mailto:Genyi.li@umanitoba.ca)

**The University exercises a Canadian-first policy; however, all those qualified are encouraged to apply. Application materials, including letters of reference, will be handled in accordance with the Freedom of Information and Protection of Privacy Act (Manitoba).**