

Research Technician Position In Plant Virology and Viral Diagnostics

Department of Molecular and Cellular Biology, College of Biological Science,
University of Guelph, Guelph, Ontario, Canada

June 7, 2017

DESCRIPTION OF POSITION: A full time research technician position is available in the research program of Dr. Baozhong Meng, Department of Molecular and Cellular Biology, the University of Guelph. This position is for six months, starting July 1, 2017, with a salary equivalent to \$26,000 per annum or higher, depending on qualifications, skills and work experiences. The successful candidate will join a team of researchers composed of graduate students, undergraduate research project students and postdoctoral research associate working on diverse projects pertaining to important viral pathogens that impact the grape and wine industry. The incumbent will be mainly involved in a large-scale survey on the distribution and testing of major grapevine viruses across Ontario. Specific duties include sample collection from vineyards, inventory and processing of samples, nucleic acid isolation, RT-PCR, gel electrophoresis, gene cloning, plasmid prep, DNA sequencing and data analysis. The incumbent will have precious opportunities to interact with other researchers in the laboratory and be exposed to a wide range of experimental procedures that are important for research in biological field, such as real time PCR, next generation sequencing, phylogenetics, bioinformatics, fluorescence microscopy and confocal laser scanning microscopy, tissue culture, and agro-infiltration.

REQUIREMENTS: A Bachelor of Science degree in biological sciences obtained from a Canadian University is required. Candidates with hands-on experience in lab work such as RNA isolation, reverse transcription, PCR and gene cloning are required. Also important are skills in oral and written communication and excellent work ethics.

HOW TO APPLY: Applicants should submit a resume listing education background and work experience, academic transcript, and contact information of two references to Dr. Meng at bmeng@uoguelph.ca.

APPLICATION DEADLINE: June 30, 2017