Laboratory Technician

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Office, Clerical and Technical
Position covered by the Collective Agreement with USW Local 4120

Laboratory Technician

Plant Disease Clinic/Molecular Biology Unit
Laboratory Services Division

Hiring #: 2019-0472

Please read the Application Instructions [1] before applying

The Plant Disease Clinic, Laboratory Services Division is a client-centered plant disease diagnostic laboratory offering a wide range of plant diagnostic services for a diverse group of government and industry clients. The Molecular Biology Unit of the Division provides professional analytical services for microbial food safety and quality, food authenticity, animal genotyping and various generic molecular analyses to academic, government and industry clients to support research, monitoring and improvement programs. The successful incumbent will: isolate and identify plant pathogens, analyze food-borne organisms and animal/plant species, and conduct other DNA analyses using various procedures (i.e. ELISA, PCR and culture methods); accurately identify and count plant parasitic nematodes; assist in the development, validation, and implementation of new diagnostic methods; process client samples and respond to general client inquiries; maintain laboratory safety and cleanliness; and, maintain lab records and equipment logs according ISO/IEC 17025 quality standard.

Requirements of the position include:

- Three year community college diploma in a relevant science field, plus a minimum of one year related experience or an equivalent combination of education and experience;
- Demonstrated working experience with plant parasitic nematode identification, and traditional procedures for the isolation and identification of plant pathogens;
- Demonstrated experience in performing conventional PCR, qPCR, digital PCR, and immunoassays;
- Demonstrated experience in working with a wide range of agriculture and food samples and generating high quality DNA-based results for food safety and quality analyses;
- Proven ability to continually work to tight, client-driven deadlines and with time sensitive samples;
- Excellent dexterity and fine motor skills to repeatedly and accurately pipette high volumes of samples;
- Self-motivated team player with excellent organizational, time management and communication skills;
- Proven ability to work on dissecting and compound microscopes;
- Proven experience with quality control protocols, data management, and sample tracking procedures in an ISO-accredited laboratory;
- Knowledge of insect identification is considered an asset.

Hours of work are 35 hours per week, Monday to Friday with occasional overtime required during peak testing periods.

Position Number          483-082
Classification                USW, Local 4120 Salary Band 5*
Salary Range               $25.16 Minimum (Level 1)
                           $28.11 Normal Hiring Limit (Level 3)
                           $34.05 Job Rate (Level 7)

*Tentative evaluation; subject to committee review.
At the University of Guelph, fostering a culture of inclusion is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.

Posting Date: 2019 09 30
Closing Date: 2019 10 07

Source URL: https://www.uoguelph.ca/hr/careers-guelph/current-opportunities/laboratory-technician

Links
[1] https://www.uoguelph.ca/hr/careers-guelph/how-apply