Laboratory Technician

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Position covered by the Collective Agreement with USW Local 4120

Laboratory Technician

Microbiology Method Development, Laboratory Services Division

Hiring #: 2018-0043

Please read the Application Instructions [1] before applying

The Microbiology Method Development section provides de novo method development, validation and installation of microbiology methods intended for use in research and/or client based analyses. The role of the Laboratory Technician is pivotal in ensuring smooth transitions from the section’s visions and initiatives, to experimental design, execution at the bench, through to report writing and communication with co-workers. In addition, the successful incumbent will: run common bench level methods using a diverse range of tools and instruments in the modern microbiology lab; conduct a variety of immunological, molecular and culture-based techniques for analytical biology tests, as required by method development; support writing draft SOPs that originate from method development; transfer developed methods, procedures, techniques and technologies to technicians and/or scientists in other sections within the division, who are targeted to utilize the developed methods on a routine basis; provide troubleshooting during the routine operation of those methods during initial transfer and start-up stages; help decide on method directions based on data analysis and interpretation; maintain the rigorous method development initiatives of the Division to provide regulatory and client-based support.

Requirements of the position include: Undergraduate degree with a Major in Microbiology and a minimum 1.5 years of related experience, or an equivalent combination of education and experience. Experience in experimental design and execution in a microbiology method development/research laboratory preferred. Clear understanding of the strict rules with microbiology methods including food microbiology, food-borne diseases, industrial microbiology, microbial adaptation, diversity and bacterial genetics, to provide research and development in the study of microorganisms, including pathogens, in wide range of natural and processed foods, feeds, water, air and soil. Demonstrated competency in a wide range of microbiological research concepts; familiarity assisting with the authorship or co-authorship in peer reviewed journals; full competency in sterilization, decontamination and cross-contamination techniques and prevention is required; demonstrated troubleshooting skills; awareness of laboratory Health and Safety practices and WHMIS for both pathogens and chemical reagents; working knowledge of quality assurance and control protocols with demonstrated judgement of these; demonstrated knowledge of data interpretation and analysis using statistics; highly effective written and oral communication skills to assist in training others when transferring developed methods to routine laboratory operations; excellent learning skills; proven ability to remain focused on task while handling a wide range of variables; proven theory and practice of analytical biology experience in developing methods, while considering cost of analysis.

Position Number  488-013
Classification  USW, Local 4120 Salary Band 6*
Salary Range  $26.38 Minimum (Level 1)
$29.48 Normal Hiring Limit (Level 3)
$35.68 Job Rate (Level 7)

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. At the University of Guelph, fostering a culture of inclusion [2] 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.

*Tentative evaluation; subject to committee review.

**Posting Date:** 2018 02 07
**Closing Date:** 2018 02 14

**Source URL:** https://www.uoguelph.ca/hr/careers-guelph/current-opportunities/laboratory-technician-0

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