Laboratory Technician, Molecular Biology/Mycoplasmosology

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Laboratory Technician, Molecular Biology/Mycoplasmosology

Animal Health Laboratory, Laboratory Services Division

Temporary full-time from April 2022 to December 22, 2023
Hiring #: 2022-0250

Please read the Application Instructions [1] before applying

The Laboratory Technician, Molecular Biology/Mycoplasmosology will provide technical assistance to the Veterinary Microbiologist in the diagnostic molecular biology laboratories at the Animal Health Laboratory (AHL). Major responsibilities are fish testing, including gill biopsy and skin scraping microscopy examination, molecular testing, bacterial culture identification, and tissue sample preparation for histologic evaluation; Other responsibilities include conducting routine molecular biology tests; sample receiving; sample preparation; manual and automated DNA/RNA extractions; assisting with organization and co-ordination in the development and implementation of new molecular biology assays by preparing reagents and establishing analytical methods including appropriate quality control measures; reporting test results to clients through the Animal Health Laboratory information management system (LIMS); maintaining equipment in compliance with the Standard Operating Procedures (SOPS) and inventory of supplies; ensuring laboratory cleanliness and safety; general microbiology laboratory functions; and other duties as assigned.

Requirements of the position include: Three-year community college diploma related to Microbiology or Molecular Biology, and some related experience in diagnostic molecular biology, or an equivalent combination of education and experience.

Additional requirements include: demonstrated experience working in a laboratory with diagnostic molecular biology techniques such as manual and automated high-throughput DNA/RNA extraction on various animal samples, high-throughput conventional and real-time PCR, DNA sequence analysis; knowledge of fish biology and common fish pathogens; excellent knowledge of personal and laboratory safety related to handling and disposal of infectious specimens; experience in an organization with ISO/IEC 17025 accreditation, and a thorough understanding of quality protocols; excellent knowledge of laboratory chemicals and supplies; excellent organizational, communication and interpersonal skills; strong understanding of WHMIS and Occupational Health & Safety in a laboratory environment. A protective rabies titer is required. The position will involve handling live bees and fish.

Classification               USW, Local 4120 Salary Band 5
Normal Hiring Range $25.92 - $28.96 per hour

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.

Posting Date: 2022 04 04
Closing Date: 2022 04 11

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