

Postdoctoral Fellowship in Diagnostic Molecular Microbiology

One Postdoctoral Fellowship opportunity is available in the Molecular Microbiology Laboratory, Microbiology Division at London Health Sciences Centre (LHSC). Initial duration of the position is two years with the possibility of extension. Recruitment will start June 2019 and will continue until position is filled. A selection committee will meet to review applicants and select the most qualified individual. The successful candidate will be supervised by Dr. Ana Cabrera, Clinical Microbiologist at LHSC, and Assistant Professor in the Department of Pathology and Laboratory Medicine, Western University, London, Ontario.

Our division provides state of the art diagnostic services to the London Health Sciences Centre, St. Joseph's Health Care London, the Middlesex Hospital Alliance and several other hospitals in our referral area for the detection and treatment of infectious diseases. These diagnostic and clinical services include bacteriology, virology, mycology, molecular diagnostics, serology, and parasitology. Our service delivery model includes the provision of clinical consultations, ongoing test development and quality enhancement, research, and education.

We are seeking a motivated individual to join an expanding clinical microbiology service consisting of microbiologists, technologists and technicians, focused on supporting the creation and sharing of molecular tests and knowledge with our regional partners, transformational changes in current testing with the adoption of next generation sequencing, and improved patient care through expansion of our molecular testing menu.

Some of the specific projects and activities the candidate will be able to get involved in are:

- The design and implementation of tests for the diagnosis of infectious diseases, with a focus on laboratory developed assays
- The development of a next generation sequencing and a bioinformatics program
- Provide education for medical laboratory technologists, medical students and residents for molecular testing
- Conference participation (oral presentations and posters), paper and grant writing
- Career development will be supported

The candidate should have excellent organizational skills, ability to multitask, collaborate and work in a team, with interest in the development of molecular microbiology diagnostic technologies for viral, bacterial and fungal diseases. A PhD completed within the last 5 years in fields of molecular biology or microbiology is a prerequisite. Ideally, the candidate should have a background in the fields of molecular biology and microbiology; published manuscripts and or proven research skills in the relevant fields will be beneficial. Hands-on experience in wet-lab procedures is a prerequisite. Bioinformatics and programming experience would be considered an asset. Excellent communication and writing skills are a requirement as a candidate is expected to author clinically focused research papers.

A competitive stipend will be provided. Please send a statement of interest, Curriculum Vitae, and the names of at least two references to:



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