

## POST-DOCTORAL POSITION IN IMMUNOPROTEOMICS

The Health-Centered Research Clinic, Department of Applied Human Sciences, Faculty of Science, University of Prince Edward Island (UPEI) and the Virology Research Laboratory, Department of Pathology and Microbiology, Atlantic Veterinary College (AVC), UPEI, are seeking a highly motivated **Postdoctoral Fellow** (PDF) with keen interest in Personalized Health Diagnostics. This is an industry-funded research project. Funding is available for 1 year with possible extension subject to satisfactory performance and availability of funding. The successful candidate will work on a personalized health project to explore biological markers for immunological disorders. He/she will use immunoproteomic techniques such as serological proteome analysis including 2-D gel electrophoresis and Liquid Chromatography tandem Mass Spectrometry, and autoantibody mediated identification of antigens techniques to identify disease-specific biomarkers from collected samples, and will develop a digital ELISA assay for the routine detection of these biomarkers for clinical application.

A PhD and training in the fields of molecular biology and immunology are required for consideration. The preferred person would be uniquely qualified in molecular immunology and will be familiar with (1) classical and molecular methods of (a) antigen detection and quantitation, and (b) proteomics; (2) real-time RT-qPCR assays and (3) work experience in laboratory environments. Ability to write research grant proposals and scientific manuscripts is an asset.

Applications will be accepted until April 15, 2020 or until a suitable candidate is found. The starting date is negotiable but will not be later than September 01, 2020. The salary is commensurate with qualifications. To apply, please submit a letter detailing your qualifications, experience and research interest, and a current CV, and arrange to have 3 letters of reference sent to:

Dr. Fred Kibenge, Professor of Virology and Chair  
Department of Pathology & Microbiology  
Atlantic Veterinary College  
University of Prince Edward Island  
550 University Avenue, Charlottetown, PE C1A 4P3, Canada  
[kibenge@upei.ca](mailto:kibenge@upei.ca)

or

Dr. Angela Riveroll,  
Research Associate,  
Health-Centered Research Clinic,  
Department of Applied Human Sciences,  
Faculty of Science,  
University of Prince Edward Island  
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