



**Postdoctoral Fellow**  
**Ooh-Quin Immunology Laboratory**  
**Section of Hepatology**  
**Department of Internal Medicine**  
**University of Manitoba**

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The goal of the Ooh-Quin Immunology Laboratory is to participate in the development of treatments for chronic Hepatitis C and Hepatitis B infections that interfere with viral modulation of host immunity. The laboratory explores the contribution of host and viral genetics in regulating disease outcomes, in collaboration with researchers from the Department of Immunology and the National Microbiology Laboratory, as well as clinicians at the Viral Hepatitis Investigative Unit.

The Postdoctoral Fellow will study the effects of viral genetics on viral induced immunopathology, the primary cause of disease manifestations in hepatic viral infections. The disruption of viral induced immunopathology will also be investigated. This project is being pursued in collaboration with the National Microbiology Laboratory. The project will involve use of cellular models, as well as clinical samples allowing translation of the findings to the clinical setting. A variety of molecular (PCR) and protein based assays (proteomics, flow cytometry, cytotoxicity) are utilized.

This position requires a Ph.D in a related discipline such as Immunology, Microbiology or Biology. Experience in cell culture and protein assays, as well as a general knowledge of molecular techniques is required. An equivalent combination of education, training and experience will also be considered. A respect and understanding of biosafety protocols is required. The Postdoctoral Fellow will also be able to demonstrate a capacity to develop and execute a research project. Scientific writing and oral presentation skills are required.

This is a 2-year fellowship. Applications can be submitted via email to:

Julia Rempel  
Director, Liver Research Program  
Section of Hepatology  
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