



Hôpital général juif
Jewish General Hospital

McGill



INSTITUT LADY DAVIS DE RECHERCHES MÉDICALES
LADY DAVIS INSTITUTE FOR MEDICAL RESEARCH

Postdoctoral Fellow position on virus-host interactions

A full-time Postdoctoral Fellow position is immediately available in Dr. Chen Liang lab at the Lady Davis Institute, McGill Centre for Viral Diseases.

The candidate is expected to independently conduct research projects aimed at a deeper understanding of host antiviral mechanisms against HIV-1 and SARS-CoV-2 infections as well as viral counter measures to evade host restriction. The specific projects include 1) the effect of IFITM proteins on viral and cellular membrane properties in key immune cell types through modulating cellular signaling pathways and lipid clustering, thus protecting cells from viral infections and the hosts from viral diseases 2) the immune modulation properties of SARS-CoV-2 proteins including the accessory protein ORF8 that is secreted into extracellular space, interacts with immune cell receptors and alters their immune functions.

The qualified individual will have a PhD in molecular virology or closely related field, has first authorship publications in main journals such as Journal of Virology, PLoS Pathogens, and is highly motivated in virology research. The applicant is expected to independently design and implement experiments, collect and analyze data, prepare manuscripts for publication, and present findings at conferences. The applicant should demonstrate strong work ethic, can work independently and as a team member.

The appointment is for three years with a three-month probation period. The salary will be competitive and commensurate with candidate's experience and skills.

To apply, please send the following materials to chen.liang@mcgil.ca

- 1) A cover letter to highlight your training in molecular virology, major achievements, main skills, and future goals
- 2) Curriculum vitae (CV) with the list of your publications
- 3) One or two of your proudest publications
- 4) Names and contacts for three references.

Please note that based on McGill policy, candidates' eligibility to hold a postdoctoral fellow position expires 5 years after the date on which their PhD was awarded, regardless of when they are hired.

For further information please visit:

<http://www.mcgill.ca/gps/postdocs/fellows/registration/eligibility>.