Research Assistant, Full-time

Overview:
The laboratory of Dr. Ian Tietjen in the Faculty of Health Sciences at Simon Fraser University is seeking a Research Assistant to undertake biological assay development, data analysis, and day-to-day lab management.

Background:
The newly-established Tietjen laboratory will focus on mechanisms of viral pathogenesis and antiviral discovery. The laboratory will use cell biology, genetics, and drug discovery techniques to investigate the molecular properties of HIV latency and replication of viruses such as yellow fever. The laboratory will also conduct screens of chemical compound libraries to identify and characterize new antivirals. We now need an experienced laboratory scientist to help get the laboratory up and running, so that we can begin to characterize a new series of antiviral leads that target HIV reservoirs and also initiate new antiviral discovery screens.

Tasks:
The Research Assistant will be responsible for:
- Developing and running in vitro biological assays
- Handling and culturing of viruses and infected materials
- Interpreting experimental results
- Writing and presenting of findings to the lab and elsewhere
- General laboratory management including ordering and tracking of supplies, establishing and managing of databases, and maintenance of cell cultures and biological stocks

We intend for results to be presented at conferences and submitted for publication. The Research Assistant would be expected to participate in these activities.

Eligibility and Qualifications:
The ideal applicant will have the following:
- BA/BSc or MA/MSc in biology or other health sciences-related discipline
- Knowledge and training in molecular/cell biology, immunology, and/or virology
- Laboratory experience in mammalian cell/tissue culture, virus culture, molecular biology, quantitative PCR, flow cytometry, and/or immunocytochemistry
- Evidence of management or related leadership experience
- Proficiency with MS Office and other software
- Excellent oral and written communication skills
- Strong interpersonal skills
- Available to work full-time

To apply:
Please submit electronically your current curriculum vitae, a cover letter explaining your suitability for the position, and the names of 2 references to Dr. Ian Tietjen at itietjen [at] sfu [dot] ca. Review of applications will begin immediately and continue until the position is filled.