

Virology Technician

Position Details

Position Information

Position Title	Virology Technician
Department/Unit	Microbiology & Immunology
Research Project	Immunology/Virology
Location	Halifax
Posting Number	GP05-19
Employee Group	Grant-Paid
Position Type	Term
Duration of Contract (if applicable)	1-year with possible renewal
Employment Type	Full Time
Full-time Equivalency (FTE)	1.0
Salary	\$13 - \$19 per hour (To commensurate with qualifications and experience)

About the Organization

Understanding how viruses such as the influenza virus and zika virus cause human disease is a major research priority. Located in the Tupper Medical Building on the Halifax campus at Dalhousie University, the lab team has a strong virology, immunology, and host response research program that is internationally known. Host mechanisms defined by the team's research into viral pathogenesis are then used to design effective vaccines and antivirals.

Job Summary

Reporting to the Principal Investigator, and as an integral member of an Immunology/Virology research team, the Virology Technician will be responsible for a variety of support functions including performing experimental assays and techniques of moderate difficulty and preparing data/figures for reports. The incumbent will work in both in vivo and in vitro model systems of viral pathogenesis.

Key Responsibilities

- Perform general laboratory duties including making solutions, filling tip boxes and general lab maintenance.
- Conduct virological and immunological assays including Virus/antibody titering from tissues, biological fluid samples, cell supernatants, etc, ELISAs, FACS analysis, and histopathology.
- In vivo animal work.
- Perform molecular Biological techniques such as Western Blot, Immunoprecipitation, RNA extraction, qRT-PCR, sequencing and cell culturing.
- Lab administration including the maintenance of Standard Operating Procedures (SOPs), Biosafety checklists, Lab virological permits, and managing online orders and financials.

Note

Lab experiments may require work outside of regular working hours (approximately once

per month).

Qualifications

Undergraduate degree in Biology, Biochemistry, Immunology or recognized equivalent with minimum of six months related work experience in a laboratory setting. Must demonstrate knowledge of laboratory equipment maintenance and operation with attention to biosafety protocols. Effective organizational, time management skills and prioritization skills are necessary. Effective verbal and written communication skills are also required. Must have ability to work effectively as a team member.

Additional Information

Dalhousie University supports a healthy and balanced lifestyle. Our total compensation package includes a voluntary RRSP, health and dental plans and an employee and family assistance program.

Application Consideration**Diversity Statement**

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community. For more information, please visit www.dal.ca/hiringfordiversity.

Posting Detail Information

Number of Vacancies	1
Open Date	05/05/2019
Close Date	05/20/2019
Open Until Filled	No

Special Instructions to Applicant

Quick Link for Direct Access to Posting <http://dal.peopleadmin.ca/postings/1406>

Documents Needed to Apply

Required Documents

1. Résumé / Curriculum Vitae (CV)

Optional Documents

1. Cover Letter