



Scientist

Job Type: Full time, Permanent

About Virica

Founded in 2018, Virica Biotech has pioneered a new product category (termed Viral Sensitizer, VSE), to address fundamental bottlenecks in the production of viral-based vaccines and oncolytic viruses, as well as gene and cell therapies. We are a diverse group of scientific and business development professionals with expertise in virology, high-throughput screening, design of experiments, and commercialization. Virica offers an exciting, fast-paced, and positive work environment. Virica is seeking to add a dedicated, positive, and highly motivated Scientist to our growing organization! Check us out at www.viricabiotech.com.

About the Role

This position is responsible for providing scientific expertise, mentorship, and guidance to lead the planning, organization and execution of experiments related to Virica's internal Research and Development, Product Development, and client-based custom formulation development projects.

Salary

Commensurate with experience and education, with generous benefits package and company options, family leave provisions, and opportunities for professional development

Duties and Responsibilities:

- In collaboration with the lab manager, project manager, and technical staff, ensure the successful planning and execution of internal and external project activities.
- Collaborate with the technical team to carry out daily tasks.
- Design/troubleshoot experiments, and review methods and protocols developed by the technical staff to ensure high quality data generation.
- Analyze, summarize, and present data generated by technical staff.
- Produce scientific material for internal and external stakeholders, whitepapers, conference posters/presentations, patents, and publications.
- Act as technical/scientific expert on client calls
- Provide scientific training and mentorship to other members of the Scientific Operations team.
- Participate in the development of RD, PD, and IP strategies.
- Participate in Lab Operations auditing (Adherence to processes/procedures, ELN use, H and S, Biosafety, etc.)
- Draft and review SOPs related to experimental design and approaches, and scientific operations.

Required Qualifications/Skills:

- Ph.D. plus 1-5 years post-doctoral experience in Molecular/Cellular Biology, Virology, Immunology, or related discipline.



- Expertise in mammalian cell culture, primary cell culture, virus production and virus quantification techniques (plaque assays, qPCR, ELISA etc.)
- Experience managing several projects simultaneously.
- Experience with scientific mentorship/supervision.
- Excellent written and oral communication skills.

Asset Qualifications/skills:

- Experience in generation and characterization of recombinant viral vectors
- Experience in generation of cell-based therapies using viral vectors (CAR-T, CAR-NK, Stem cells)
- Familiarity/expertise in DoE (JMP, Design Expert, Synthace)
- Track record of managing projects and providing team mentorship

Working Conditions:

The successful candidate will be required to work at the Virica laboratory in Ottawa, Ontario, in addition to available office space, or at such other locations as may be mutually agreeable. The Employee shall supply their own mobile phone. Virica will provide a laptop and required computer software for the duration of the employment term.

Travel

The candidate may be on occasion required to travel for training purposes or for company-wide events.

Contact

Please forward a copy of your CV/resume (not to exceed two pages) and a cover letter, if you wish, to our Manager of HR and Corporate Compliance at, frenaud@viricabiotech.com

Only candidates that best match the job description will be contacted. However, we thank you for your interest and invite you to visit our website for future opportunities should we not move forward with your candidacy for this role.

Virica is an equal opportunity employer and employs personnel without regard to race, colour, gender identity, gender expression, physical disability, mental disability, age, ancestry, place of origin, ethnic origin, citizenship, creed, sex, marital status, family status or sexual orientation.

It is our policy to select the best qualified person for each position within our organization on the basis of demonstrated ability, experience, training, and potential. In addition, Virica pays compensation based on comparable value and does not discriminate in employment on the basis of gender.