

Imanis Life Sciences Job Opening

Research Technologist: Virology and Cell Engineering

Imanis Life Sciences is a growing biotech company based in Rochester, Minnesota. Our mission is to provide innovative solutions to support viral, gene and cell therapies to improve the quality of life for patients worldwide. We are a leading provider of contract research services with a focus on oncolytic virus therapies, virus and cell engineering, and custom laboratory assay development. We have a diverse team of intellectually and technically skilled virologists, immunologists, molecular biologists, and assay development scientists, who work together closely to build upon each other's strengths and deliver timely best in-class results. We are looking for a Research Technologist to join our dynamic team.

Key Responsibilities

- Plan and execute in vitro virology experiments under minimal supervision.
- Independently design and clone viral vectors.
- Generate engineered cell lines by designing and executing genetic editing strategies in mammalian cell lines via lentiviral vectors, CRISPR, or other novel editing platforms.
- Collaborate with other team members to advance cross-functional scientific projects and standardize adoption of new scientific techniques.

Following an onboarding period, the candidate will perform experimental research under minimal supervision, but in close collaboration with the rest of the scientific team.

Essential Qualifications

- A Master's or Bachelor's degree in Molecular/Cellular Biology, Virology, Biochemistry or related field.
- Minimum two years (Master's degree) or four years (Bachelor's degree) laboratory experience, including at least one year performing research.
- Must be proficient in cloning.
- Must have experience in the design and use of CRISPR for gene editing.
- Must have experience with eukaryotic cell culture.
- Ability to plan, organize, and multi-task to complete assignments in an efficient manner.
- Ability to work independently and as part of a team.
- Excellent attention to detail and organization.

Valued Complementary Skills

Flow cytometry, fluorescent microscopy, suspension cell culture, lentivirus generation, SDS-PAGE and western blot, viral titrating by TCID₅₀, cell-based assays, ELISA, affinity chromatography, complement assays, Prism software.

Type

Full time

Compensation and benefits

Salary is commensurate with experience and qualifications. A comprehensive benefits package including:

- Paid Holidays
- PTO
- Health insurance
- Employer paid Short and Long Term Disability
- Life Insurance
- AD&D
- Dental/ vision Insurance
- Simple IRA with an employer match

Work visa sponsorship is not available for this position.