

Imanis Life Sciences Job Opening

Scientist: Hematopoietic stem cell

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 cancer 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 Hematopoietic stem cell scientist to join our dynamic team.

Key Responsibilities

- Designs and performs technically challenging in vivo and in vitro experiment.
- Work closely with a multi-function team to develop a robust cell therapy platform.
- 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.

Essential Qualifications

- PhD or Master degree in biological sciences such as cell biology, biomedical engineering, molecular biology, genetics or related fields.
- At least 2 years' rigorous experience with Hematopoietic stem cell differentiation, colony forming assay and short term culture of HSCs (progenitor or precursor cells) and differentiate into all types of blood cells.
- Must be proficient in molecular cloning.
- Must have hand-on experience with gene editing e.g. CRISPR, TALEN etc.
- Proficient in multicolor flow cytometry
- 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, lentivirus generation, cell-based assays, ELISA/MSD, cytotoxicity, cell enumeration, qPCR, ddPCR, experience working with mice.

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.