



Analytical Development Scientist

Cell Therapy, Stem Cell Biology Potency Assays

Location: Worcester, Boston areas

We are seeking a highly motivated Analytical Development Scientist, Cell Therapy to join our Analytical Development team. The successful candidate will have a background in immunology and stem cell biology, and will be a part of our analytical development group focusing on design and development of flow cytometry and cell-based methods for the characterization of cellular therapeutics to support process development, translational and clinical development of drug products at all stages.

Responsibilities:

- Apply expertise in immunology and stem cell biology or molecular biology, to analytical design and development, establish new analytical methods and standard procedures for product characterization and product release.
- Lead the technology transfer of analytical methods to QC and support analytical method qualification and validation.
- Support process development for the design and development of new cell and gene therapy products.
- Author and review technical documents such as methods, qualification/validation protocols and reports.
- Serve as analytical subject matter expert to solve technical challenges and support laboratory investigations.

Qualifications:

1. BS with 5-10 years, MS with 3-5 years relevant experience, or PhD in immunology, cellular and/or molecular biology, pharmaceutical sciences or a closely related field.
2. Extensive knowledge and hands-on experience in the following areas:
 - Must have experience in flow cytometry, immune cell phenotyping of immune cell subsets; experience with human stem cells is preferred.
 - Experience designing and developing primary immune cell assays.
 - Experience with stem cell culture and cell functional characterization assays including cell proliferation and cytokine measurements.
 - Experience in molecular biology techniques, including but not limited to PCR, qPCR, cloning and western blot is preferred./
 - Critical thinking, scientific reasoning and problem solving skills required.
 - Knowledge of cGMP pertaining to the pharmaceutical and biological industries is a plus.