



Scientist, Immunology

About MaxCyte:

MaxCyte is a leading provider of cell-engineering platform technologies to advance innovative cell-based research, development, and commercialization of next-generation cell therapies. The company's existing customer base ranges from large biopharmaceutical companies — including 20 of the top 25 pharmaceutical companies based on 2020 global revenue — to hundreds of biotechnology companies and academic translational research centers. MaxCyte has granted 16 strategic platform licenses to commercial cell therapy developers that allow for more than 75 clinical programs. Founded in 1998, MaxCyte is headquartered in Gaithersburg, Maryland, US.

Job Summary:

The Immunology Scientist position will generate data and participate in technology development to expand MaxCyte's capabilities for non-viral engineering of human immune cells. They will also serve as a scientific resource for partners and customers who are developing immunotherapies. Under minimal supervision, this individual will be expected to design and perform experiments related to modulating immune cell biology and expanding the use of MaxCyte's clinical electroporation technology for developing immunotherapies. The ideal candidate will have a strong research background in immunology with robust skills in cellular and molecular immunology, immune cell culture and genetic modification of primary human immune cells. We are seeking a flexible self-starter with the breadth of professional experience and drive to work effectively with both internal and external partners in a highly matrixed and cross-functional organization.

Job Responsibilities:

- Designs and conducts experiments to optimize conditions for non-viral modification of human immune cells using scalable electroporation.
- Identifies novel approaches for modulating immune cell biology.
- Collaborates and manages relationships with cross functional internal stakeholders including Research and Development (R&D), Manufacturing Operations, Engineering (ENG) and Quality Assurance (QA).
- Provides experimental guidance to external customers and collaborators.
- Prepares and reviews technical documents for patent applications.
- Develops, revises, and reviews SOPs, protocols, and process development and technical reports.
- Maintains appropriate level of documentation and follows Good Documentation Practices.

- Manages timelines and deliverables and develops reports for various projects.
- Coordinates parallel tasks across multiple projects, demonstrating prioritization.
- Trains/Supervises research associates.
- Other duties as assigned.
- Complies with all applicable laws and Company policies regarding health, safety, and environment.

Job Requirements:

- Requires PhD in immunology or related field. 0 – 2 years of relevant experience as noted below.
- In depth knowledge of immune cell biology
- Proficiency in the analysis and understanding of immune cells and molecules.
- Experience in non-viral methods of gene transfer.
- Experience handling and culturing mammalian cell lines and primary cells, including blood cells, is mandatory.
- Ability to independently conceive experimental designs, make detailed observations, analyze and interpret data, propose improvements to and troubleshoot experimental protocols.
- Strong quantitative, qualitative, and critical thinking skills and abilities. Ability to adapt to changing needs as experiments develop or priorities change.
- Proficient in multi-parameter flow cytometry (panel design, sample acquisition, data processing).
- Strong troubleshooting skills with the ability to “think outside the box”.
- Strong written and oral communication skills are essential; ability to present thoughts clearly and concisely.
- Ability to effectively collaborate with and lead vendors, customers, colleagues, and direct reports across teams. Detail oriented with proven organization and project management skills.
- Utilization of appropriate technology, i.e. Outlook, PowerPoint and knowledge of scientific applications such as GraphPad Prism, FlowJo, FACSDiva and Spotfire are highly desirable.

Desired Key Competencies:

- Comfortable in a fast-paced small company environment with minimal direction and able to adjust workload based upon changing priorities.

- Self-motivated and willing to accept temporary responsibilities outside of initial job description and perform other responsibilities to support the needs of the department, as assigned. Responsive, can-do attitude.
- Positive interpersonal skills with the ability to interact with individuals in levels and function. Deals with conflict in a direct, positive manner.
- Self-organized, meticulous hands-on habits, keen attention to detail. Effective organization and implementation of group projects.
- Strong quantitative and analytical skills. Able to reach rational conclusions through complex processing of information.
- Excellent verbal and written communication skills.
- Maintain a high degree of ethical standard and trustworthiness.
- Ability to think and adapt to a rapidly changing environment and demands.
- Energized by accomplishments and excellence in the workplace.
- Capable of high performance in independent work as well as in team setting.

MaxCyte, Inc. is an equal opportunity employer. To apply, please send your resume and cover letter to careers@maxcyte.com. Please reference **Immunologist** in the subject line.