



Company: **Endotope Biosciences**

Location: Columbia University Medical Center, New York City

Endotope Biosciences is a cutting-edge biotech start-up focused on developing the next-generation paradigm for treating with precision a broad spectrum of autoimmune conditions such as Type 1 diabetes. We are seeking a highly motivated and experienced **Scientist** to join our dynamic team at the new Alexandria LaunchLabs space on the Columbia University Medical Center campus. The company is using a proprietary platform technology as well as unique approaches to elicit antigen-specific tolerance by in vivo targeting and reprogramming of antigen-presenting cells. This is an exciting opportunity to contribute to groundbreaking research in the field of autoimmune diabetes and work towards improving the lives of autoimmune patients.

Responsibilities:

- Design, manage, and execute internal R&D projects.
- Participate in discussions to determine and adjust R&D strategy based on scientific findings and emerging trends.
- Effectively communicate scientific findings, project updates, and recommendations to the Endotope team and collaborators.
- Mentor and train junior members of the R&D and Technical Operations Teams to foster their professional growth.
- Independently author detailed, accurate, and accessible documentation of experiments, methodologies, and data analysis.
- Stay current with scientific literature, identify relevant advancements, and present key findings to the team.
- Contribute to scientific publications, conference presentations, and patent filings as appropriate.

As an early employee, the recruited scientist will have a unique opportunity to make a large impact on the company's growth and success by becoming a driving force and leader and contributing to groundbreaking discoveries in the field of Type 1 diabetes.

Qualifications:

Required:

- PhD in Immunology, or related discipline.
- Postdoctoral experience (2+ years) in an academic or industry setting is a plus, and salary is commensurate with relevant experience.

- Strong understanding of molecular biology and in vivo delivery systems.
- Experience working with in vivo models (mice).
- High proficiency with multi-parameter flow cytometry and cell culture.
- Communication and organizational skills.
- Demonstrated ability to work independently, manage multiple projects, and meet deadlines.
- Self-motivation, intellectual curiosity, and excitement to carry out interdisciplinary research in a fast-paced startup environment.

Preferred:

- Experience with molecular cloning, mRNA technologies and DNA vectors.
- Experience with T cell biology, and mechanisms of immune tolerance and autoimmunity.
- Experience with gene expression analysis platforms.

We offer a competitive salary, comprehensive benefits package, and eligibility for cash and/or equity incentives. The position's title will be set based on experience and track record.

To apply, please submit your CV, a one-page cover letter summarizing your qualifications and interest in the position, and contact information for three professional references. We will review applications on a rolling basis until the position is filled.

Endotope Biosciences is an equal opportunity employer and encourages applications from individuals of all backgrounds. Applicants must have legal authorization to work in the United States.

To apply, please send your application materials to rjc2150@columbia.edu with the subject line "Scientist Application - Endotope Biosciences".

Note: Only shortlisted candidates will be contacted for an interview.