**Scientist / Senior Scientist, Cell Engineering**

Company Background

Catamaran Bio, a new SV Health Investors biotechnology company, is building a pipeline of effective and safe off-the-shelf cell therapy products for patients with cancer and immune disorders using its integrated engineering and manufacturing TAILWINDTM Platform.

Summary

Catamaran is seeking a talented, diligent, curious and collaborative scientist to drive non-viral cell engineering activities and advance our best-in-class Immune Cell Therapies for Oncology and other diseases. This position would play a key role in development of non-viral gene delivery methods to support preclinical research and process development activities. The ideal candidate is a self-motivated, technically competent scientist with deep cell and molecular biology expertise and experience in non-viral gene delivery, who is excited to join a small, fast-paced team with a “can-do” attitude to moving science forward. This position offers an excellent opportunity to work closely with experienced team on cutting-edge technologies and advance your career within growing organization advancing best-in-class Immune Cell Therapies for Oncology.

Responsibilities

* Design and develop non-viral cell engineering methods for cell therapy applications
* Optimize non-viral gene delivery protocols to a variety of immune cell types to ensure consistent and reproducible cell modification with minimal impact on cell viability and phenotype.
* Quantify efficiency of gene delivery using transgene analysis and functional assays.
* Collaborate with the cell process team on the optimization of non-viral gene delivery in context of the cell process
* Work closely with the program teams to provide cell engineering solutions for delivery of novel constructs to immune cells
* Be the leader and expert in non-viral gene delivery methods, stay current with emerging methods, and be a resource to management, program teams and scientific team on cell engineering technologies
* Work independently and in close collaboration with all Platform teams, as well as CROs and academic teams
* Lead the development of gene delivery project, and timely deliver on optimization and process conditions
* Independently design, perform and troubleshoot experiments, analyze data, and communicate findings
* Mentor junior scientists in the execution of experiments
* Meticulously maintain records, generate reports, records, and documents for IP and regulatory filings
* Present results at internal and external meetings
* Contribute to building a positive, team-oriented biotech culture

Education, Experience and Qualifications

* PhD/MS Molecular and/or Cell Biology, Biochemistry, Virology, Genetics or related field with 2+ years (PhD) or 10+ years (MS) of industry experience. Title is dependent on experience level
* Demonstrated expertise in non-viral and viral gene delivery methods and extensive molecular biology skills working with nucleic acids
* Experience with electroporation, transduction and other methods of nucleic acid delivery to primary immune cells is required
* Previous experience in gene/cell therapy and cell engineering is preferred
* Independence in driving research activities, including the design, execution, and analysis of experiments
* Ability to quickly learn and adapt within a fast-paced, rapidly developing, startup environment, showing pro-active and team-oriented attitude
* Flawless record keeping and multi-tasking abilities
* Excellent organization and communication skills

**Please contact us at** **opportunities@catamaranbio.com** **or visit us at** [**www.catamaranbio.com**](http://www.catamaranbio.com)

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