

Research Associate—in vivo assays

A startup is building an expression platform for genetic medicine. They engineer synthetic regulatory elements that solve expression issues for therapeutic nucleic acids (gene therapy, gene editing, mRNA). This technology is critical for genetic medicine to address vastly more conditions. To do that, the startup works at the interface of genomics, machine learning, and synthetic biology.

Role

You will help us translate our cutting-edge technology platform into live animal models.

Responsibilities

- Your primary responsibility is to manage mouse colonies (incl. euthanasia, genotyping), perform systemic (e.g., retro-orbital) and *in situ* injections, collect and process multiple organs and tissues (including DNA/RNA extraction)
- Perform a variety of molecular and cell biology work, including molecular cloning, PCR, plasmid preps, sequencing library preps, cell culture, and transfection
- General lab support, including preparation of media, buffers, and plates, operating the autoclave, cleaning glassware, keeping track of common consumables, and keeping accurate lab records

Qualifications

- Bachelor's degree in life sciences or related field
- 2+ years of work experience as a research associate in a biology lab, working with mice and with molecular and cell biology techniques. (Senior level: 5+ years)
- Must be able to travel between multiple lab sites (Kips Bay and SoHo)
- Demonstrated ability to work independently and communicate effectively.
- Ability/desire to work in a small startup environment, including the ability to quickly learn new skills, creatively solve problems, work in a rapidly changing environment, and function as a team player.

Desirable plus

- Experience with any of
 - histology, including sectioning, fixation, immunofluorescence, FISH, and/or IHC.
 - stereotaxic injection into the brain
 - AAV gene therapy
 - high-throughput genomics (scrNA-seq, ATAC-seq)
 - single cell methods, including tissue dissociation protocols
 - large DNA libraries

Life at the startup

In this formative stage of the company, you will have an impact on many of the key decisions that will define our long-term path. You will join a team of curious and creative experts passionate about making a difference for patients. You will help shape a diverse and inclusive culture, with competitive benefits including great healthcare, generous time off, flexible hours, and access to a 401(k).

The lab is in the heart of SoHo, NYC, and with a secondary facility in Kips Bay. The company is a seed-stage, venture-backed biotech startup.

If you share our enthusiasm with working on a fascinating problem at the intersection of synthetic biology and machine learning, that will significantly impact millions of patients, come join this startup!

Contact

****To learn more and arrange an interview, please email info@scikick.co****