

Research Scientist, Molecular Biology & Viral Production

Regel Therapeutics is a gene modulation therapy company focused on improving the life of patients suffering from disorders resulting from alteration of gene expression. Our proven T3 (Targeted Therapeutic Technology) platform combines AAV delivery with two proprietary technologies for efficient and specific restoration of gene expression exclusively in the cells affected by the pathology. We are a seed-stage startup based in Cambridge, MA and Berkeley, CA and we are looking for a talented Research Scientist to join our R&D team to help develop our preclinical programs.

Location

Berkeley, CA

Role Responsibilities

- Design and execute molecular cloning strategies in support of Regel's R&D and preclinical operations
- Maintain oversight of all molecular cloning and viral production efforts across the organization, including coordination with external partners/vendors
- Manage a team of Research Associates to carry out the molecular cloning and viral production needs of the organization
- Formulate and implement strategies to improve viral production yields and quality, including development of QC assays
- Analyze experimental results and formulate conclusions for presentation to the scientific leadership
- Maintain accurate and detailed documentation of activities

Required Qualifications

- PhD in molecular biology, virology, neurobiology, or related field
- Strong background in advanced molecular cloning techniques (i.e. multi-fragment gibson/golden-gate assembly, generation of high-complexity plasmid libraries)
- Familiarity with molecular cloning softwares such as SnapGene and/or Benchling
- Experience producing research-grade viruses including AAV and lentivirus
- Experience with mammalian cell culture methods (i.e. transfection/transduction, FACS)
- Excellent written and oral communication skills
- Proven track record of working in collaborative environments

Preferred Qualifications

- Background in neuroscience/neurobiology or muscle/cardiovascular biology
- Previous experience working with AAVs and lentiviruses for *in vivo* applications
- Previous experience with long read sequencing & ddPCR

Contact

Interested candidates please contact info@regeltherapeutics.com