



Scientist/Senior Scientist – Analytical Development & Gene Therapy Analytics

Atsena Therapeutics is a leading clinical-stage gene therapy company leveraging novel AAV capsids for the treatment and prevention of blindness caused by inherited retinal disease. We pride ourselves on being at the cutting edge of ocular gene therapeutics and on bringing them to the clinic with excellence, integrity, and urgency. Our lead programs, gene therapies for Leber congenital amaurosis (LCA1) and X-linked retinoschisis (XLR5), are currently being evaluated in Phase 1/2/3 clinical trials and both have received RMAT designation from the FDA. We are also advancing additional preclinical programs to treat other forms of inherited retinal diseases.

Position Summary

We are seeking an enterprising Scientist/Senior Scientist to lead and support ongoing analytical operations for our clinical-stage gene therapy programs. This role combines technical expertise in molecular biology, cell-based assay development, and analytical chemistry with understanding of regulatory requirements to drive the analytical strategy for our best-in-class programs. The ideal candidate will serve as a cross-functional member of the Analytical Development team. This role will support development of internal workflows that quantify DS/DP CQAs as well as support external technical transfers. This is a lab-based position (~80-90%) that operates in accordance with standard laboratory practices and company policies, including documentation and biosafety policies.

Required Qualifications

- Ph.D. in Analytical Chemistry, Biochemistry, Chemical Engineering, or related field
- Minimum 3-5 years of progressive experience in analytical development within the biotechnology/biopharmaceutical industry
- Familiar with molecular and biophysical techniques such as ddPCR, CE-SDS, SEC, UPLC/HPLC, ELISA, and cell-based assays
- Familiar with UPLC/HPLC, CE-SDS, and plate reader instrumentation/software (e.g. Waters, Agilent, Molecular Devices, etc)
- Understanding of FDA, EMA, and ICH guidelines for analytical procedures
- Excellent documentation, communication, data analysis, and reporting skills
- Ability to manage multiple projects concurrently
- The role is onsite

Preferred Qualifications

- Experience with ELNs
- Understanding or experience with data parsing and analytics
- Familiarity with Design-Build-Test-Learn and Define-Measure-Analyze-Implement-Control strategies