# Senior/Principal Scientist - Mass Spectrometry – Analytical Development

Atsena Therapeutics is a clinical-stage ophthalmic gene therapy company that is leveraging novel AAV technologies designed to overcome the unique hurdles presented by retinal disease. Our lead program is evaluating ATSN-201 in an ongoing Phase I/II clinical trial for X-linked retinoschisis (XLRS), a progressive genetic condition affecting boys and men that is typically diagnosed in childhood. We are also advancing ATSN-101 for Leber congenital amaurosis type 1 (LCA1), one of the most common causes of blindness in children, towards a Phase 3 trial. We have additional preclinical programs to treat other forms of inherited retinal disease as well as novel capsid technology.

At Atsena, we are bringing patients into focus. We are passionate about finding cures for visually impaired and blind individuals and are driven by cutting edge science to ensure we achieve the safest and most effective results.

## Position Summary

We are seeking an experienced Senior/Principal Scientist to lead our mass spectrometry analytical operations supporting gene therapy programs. This role is within our Analytical Development team, which is part of CMC, and will report to the Senior Director. This role combines technical expertise in mass spectrometry with understanding of regulatory requirements to drive the analytical strategy for our best-in-class programs. Within this role, you will develop assays for GMP-readiness for clinical AAV programs. You will serve as the technical leader for mass spectrometry workflows. This role will support development of workflows that quantify DS/DP CQAs as well as outputs from cell-based assays. 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./M.S. in Analytical Chemistry, Biochemistry, Chemical Engineering, or related field with emphasis on mass spectrometry applications
- Minimum 5-10 years of progressive experience in analytical development within the biotechnology/biopharmaceutical industry
- Hands-on experience with proteomic approaches including top-down (intact protein analysis) and bottom-up (protein digestion/peptide analysis), as well as small molecule mass spectrometry approaches
- Hands-on experience with UPLC/HPLC and mass spectrometry instrumentation/software (e.g. Waters, Sciex, Shimadzu, Agilent, etc)

## Preferred Qualifications

- Experience with peptide mapping of AAV capsids
- Understanding of FDA, EMA, and ICH guidelines for analytical procedures
- Excellent documentation, communication, data analysis, and reporting skills with experience with ELNs and data analytics as a plus
- Ability to manage multiple projects concurrently

## Role Location

Onsite, Durham, NC