



Our Mission: Healthy hearing available to all.

Principal Associate Scientist/Scientist Process Analytics

*Akouos is building the leading gene therapy company focused on hearing disorders. Our objectives are to **restore** the inner ear's ability to produce functional proteins required for hearing, **rejuvenate** structures of the hearing circuit critical for high-fidelity signal transduction and inner ear homeostasis, and **reinforce** healthy hearing with local, enduring protein production to protect against drug-, noise-, and age- associated ototoxicity.*

Ensuring delivery to the right cells, in the right amounts, and at the right time is central to our ability to restore and preserve hearing. Recombinant adeno-associated viruses (AAVs) can be harnessed as powerful vectors that are capable of safely and efficiently delivering therapeutic nucleic acids to the nuclei of target cells. Akouos' initial focus is on delivery of AAV gene therapies to treat hearing loss in genetically-defined patient populations.

Akouos launched in 2017 with backing from 5AM Ventures, New Enterprise Associates, and Partners Innovation Fund.

RESPONSIBILITIES

- Characterize AAV viral vectors according to established protocols and report assay results in a timely manner.
- Document analysis according to good documentation practices in Akouos's electronic laboratory notebook.
- Establish methods that are novel or previously established in the literature.
- Qualify assays to support process development, pre-clinical decisions, and GMP decisions.
- Identify and apply effective resolutions to issues regarding assay performance and throughput. When necessary, will further develop methods to fit the need.
- Document assay development in technical reports
- Author relevant standard operating procedures and work instructions

REQUIREMENTS

- Bachelors degree in chemical engineering, biology, biochemistry, chemistry, biotechnology, or a related field and >6 years of relevant analytical development, process analytics, or quality control experience.
- Ability to work both independently and as a member of a team.
- Experience in performing biochemical quantification assays by ELISA, MSD, and HPLC preferred.
- Expertise in running cell-based biological assays is highly preferred.
- Prior hands-on experience with AAV analytics is preferred.



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- Proficient with aseptic techniques for mammalian cell culture.
- The candidate must be well-organized, goal-focused, and detail-oriented.
- The candidate must have outstanding verbal and written communication skills.

Qualified applicants should submit their resume to careers@akouos.com.

Akouos is committed to equal employment opportunity and non-discrimination for all employees and qualified applicants without regard to a person's race, color, sex, gender identity or expression, age, religion, national origin, ancestry, ethnicity, disability, veteran status, genetic information, sexual orientation, marital status, or any characteristic protected under applicable law.