AKOUOS

PROCESS ANALYTICS LEAD

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's 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.

Akouos is seeking a highly motivated candidate to lead the Process Analytics team. The successful candidate for this position will have technical experience in the analytical testing of viral vectors. Experience testing AAV viral vectors is preferred. Hands-on experience with ddPCR, absolute-quantification qPCR, ELISA, and in vitro bioassays is highly preferred. The position will be responsible for analyzing vectors from the Process Development and Vector Production teams. This individual will play an important role in prioritizing and planning the sample analysis queue and implementing assay improvements.

RESPONSIBILITIES

We are looking for someone who will:

- Drive and lead Akouos's Process Analytics pipeline.
- Oversee and participate in the analysis of materials from Process Development and Vector Production groups.
- Manage a group of associates focused on analyzing samples from Process Development and Vector Production groups.
- Train associates on assays to plan for redundancy and excellence in all assays.
- Anticipate and plan resources to mitigate bottle-necks in the sample queue.
- Characterize AAV viral vectors according to established protocols and report assay results.
- Work with the analytical development team to develop and optimize product-specific and platform assays for characterization of rAAVs.
- Participate in general qualification of methods to support process development and pre-clinical decisions.
- Identify and apply effective resolutions to issues regarding assay performance and throughput.
- Interface and coordinate with other Akouos teams to report batch analytical data.
- Develop workflows, Standard Operating Procedures and Testing Forms.

REQUIREMENTS

- Degree in chemical engineering, biology, biochemistry, chemistry, biotechnology or a related field.

- MS in relevant subject matter with >4 years relevant experience or a BS with >6 years relevant experience.
- Ability to work both independently and as a member of a team.
- Experience in performing absolute quantitation qPCR, ddPCR, and biological assays is preferred.
- Prior hands-on experience with AAV analytics or analytical development is strongly preferred.
- Demonstrating a strong sense of organization in a dynamic environment is a plus.
- Prior experience managing a team, co-ops or direct reports is desired.
- The candidate must be well-organized, goal-focused, and detail-oriented.
- The candidate must have outstanding verbal and written communication skills.
- Ability to lead and work independently in a collaborative, scientifically stimulating, fast-pace environment.

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.