



Our Mission: Healthy hearing available to all.

Research Associate/Sr. Research Associate, Analytical Development

Job Description

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.

This is an opportunity for an innovative and highly motivated Research Associate or Senior Research Associate to join an early stage gene therapy company to collaborate on development of analytical methods for AAV viral vectors.

Responsibilities

We are looking for someone who will:

- Identify, adapt, and implement methods for the analysis of AAV products both in-process and for release and characterization.
- Evaluate and implement new biophysical and analytical technologies to improve accuracy, precision, throughput, and robustness of sample analysis.
- Stay up to date on state of the art methodologies for AAV characterization.
- Qualify analytical test methods according to ICH guidelines.
- Support analysis of samples and work with technical teams to interpret results.
- Produce timely and appropriate documentation in laboratory notebooks and internal technical reports.
- Write, prepare and present technical data, technical reports and standard operating procedures (SOPs) for internal use and tech transfer.
- Work independently in a collaborative, scientifically stimulating, fast-pace environment.

Requirements

- Minimum BS in a related field and 3-5 years of relevant biotech experience or 1-3 years of relevant biotech experience with an MS in a related field.
- The candidate must be well-organized, goal-focused, and detail-oriented.
- The candidate must have outstanding verbal and written communication skills.
- Preferred experience includes development of in vitro potency, titer by ddPCR, ELISA, and HPLC-based assays.

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

Job Type: Full-time

Akouos, Inc. | Tufts Launchpad BioLabs | 75 Kneeland Street | 14th Floor | Boston, MA 02111 | www.akouos.com