



Scientist, Advanced Cellular Models

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.

Akouos was featured in Biospace as the top 20 life science startups company to watch in 2019. <https://www.biospace.com/article/1-top-20-life-science-startups-to-watch-in-2019/?keywords=akouos>

This is an opportunity for an innovative and highly motivated Scientist to join an early stage gene therapy company to collaborate on development and expansion of new targets for AAV viral delivery.

Responsibilities:

We are looking for someone who will:

- Participate in the development of new methods to assay AAV applications in vitro.
- Design and test new targets for AAV viral delivery.
- Evaluate target delivery using DNA/RNA and protein techniques.
- Manage multiple projects, spanning at least two different teams.
- Write, prepare and present technical data.
- Work independently in a collaborative, scientifically stimulating, fast-paced environment.

Requirements:

- PhD in a related field with 3-5+ years of relevant experience or MS in a related field and 10-12+ years of relevant biotech experience.
- The candidate must be well-organized, goal-focused, and detail-oriented.
- Independent and team work abilities necessary.

- Experience in designing and executing experiments as well as analyzing data and presenting to others.
- Required experience includes mouse handling, micro-dissections (preferred cochlear micro-dissections) extensive tissue culture experience, including primary cultures, and basic molecular biology and cell biology techniques. Viral handling and adult mouse inner ear delivery preferred.

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.