



Our Mission: Healthy hearing available to all.

Associate Scientist, Cochlear Anatomy and Physiology

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.

This is an opportunity for an innovative and highly motivated Scientist to join an early-stage gene therapy company to collaborate on the development of high priority projects and pre-clinical programs.

Responsibilities

- Contribute to the development of novel gene-therapy techniques by executing *in vivo* and *ex vivo* experiments in mouse models, including within one or more of the following functions:
 - Animal care (administration of anesthesia, analgesia, body scoring, surgical assistance)
 - Cochlear function tests (auditory brainstem response; otoacoustic emissions)
 - Necropsy, including blood, CSF, perilymph sampling, transcatheter perfusion, and organ biopsies.
 - Cochlear microdissection, histology, microscopy
- Prepare and analyze data, participate in weekly scientific meetings, and communicate procedures and results.
- Maintain accurate documentation of experiments and projects through meticulous lab notebook practices.

Requirements

- MS/BS in neurobiology, molecular, or cell biology, and a minimum of 3 years of hands on experience working in a laboratory environment; biotech or biopharma industry preferred.
- Able to work independently and collaboratively while effectively managing laboratory tasks and priorities to meet schedules and project deadlines.
- Is extremely well-organized and detail oriented.
- Has outstanding verbal and written communications skills. Excellent communication skills and demonstrated teamwork will be critical.
- Anticipates next steps, takes initiative, and is responsive to requests while consistently following through.
- Has excellent computer skills and Microsoft Products proficiency (Outlook, Excel, Word, PowerPoint, etc.).

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.