



## 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.*

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

### Responsibilities

Contribute to the development of novel gene-therapy techniques by executing and troubleshooting neurobiology experiments; including intracochlear AAV delivery, cochlear electrophysiology, microdissection, histology, and microscopy.

Perform RNA/protein analysis and assay development.

Contribute to the writing of SOPs and technical transfer to external vendors.

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.

Review and articulate latest scientific findings and literature/publications to remain up-to-date and informed.

## Requirements

Ph.D. 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.

Has hearing-related research experience and is well versed in inner-ear physiology, anatomy, and histopathology.

Is 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.

Posses outstanding verbal and written communications skills.

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](mailto: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.*