



Our Mission: Healthy hearing available to all.

## **Scientist, Molecular Biology**

### **(Temporary Position)**

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, to **rejuvenate** structures of the hearing circuit critical for high-fidelity signal transduction and inner ear homeostasis, and to **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**

We are looking for someone who will:

- Participate in the assay development of new methods for vector transduction in vitro.
- Design and perform experiments to evaluate targeted delivery using nucleic acid/protein techniques and cell-based assays.
- Analyze, interpret and report technical data to the group in scientific meetings.
- Maintain accurate documentation of protocols, experiments, and projects through lab notebook practices in accordance of company policy.
- Maintain lab consumables and reagents inventory, and plasmid/antibody/reagent/equipment database information to support the team.
- Work independently in a collaborative, scientifically stimulating, dynamic, fast-pace environment.

### **REQUIREMENTS**

- PhD. Or MS with +10 years of experience in cell or molecular biology, neurobiology, biochemistry or biomedical engineering or related field.
- Required experience includes basic cell biology and molecular biology techniques; tissue culture experiences. Mouse handling, and viral handling preferred.
- Experience with micro-dissections (preferred cochlear micro-dissections) and knowledge of inner ear biology highly preferred.



Our Mission: Healthy hearing available to all.

- Experience in designing and executing experiments as well as analyzing data and presenting to others.
- Is self-directed, goal-focused, and detail-oriented.
- Strong organizational skills and good written and oral communication skills are necessary to work independently and collaboratively in a team environment.
- Possess good computer skills and Microsoft Products proficiency (including Outlook, Excel, Word, and PowerPoint). Working knowledge of statistical software is preferred.

*Qualified applicants should submit their resume to [careers@akouos.com](mailto:careers@akouos.com).*