AKOUOS

Scientist, Translational Research

*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.

We are seeking a Scientist to perform AAV-based assays and assist in managing both internal and external non-clinical studies for a variety of projects and programs. The Scientist will have a deep knowledge of AAV vector biology, be able to work independently, use scientific judgment to propose new approaches, and develop and troubleshoot new processes and/or techniques. In addition, the individual will work with internal project teams, external collaborators, and CROs to meet key objectives and timelines. The individual will be self-motivated, with a desire to succeed at the highest level, working with a team of scientists aiming to develop therapies that have the potential to restore and preserve hearing.

Responsibilities:

- Design, execution, and analysis of in vivo and in vitro experiments using AAV vectors to evaluate tissue/cellular tropism and transgene expression levels. Work will include optimizing and performing assays with AAV gene therapy vectors,

including potency assays, neutralizing antibody assays, RNA and protein expression and quantification, ELISA, ELISPOT, and other cell-based assays.

- Design, execute, and troubleshoot assays.

- Assist the Head of Translational Research with complex projects and deliverables, data analysis, and preparation of presentations and reports.

- Build cross-functional relationships with internal teams and CROs, facilitating logistics and communication.

- Develop timelines for key projects implementing processes, and identification of critical program activities/constraints.

- Collect and compile project information through various reporting systems and ensure information is communicated appropriately to Translational and Regulatory teams.

- Managing data, maintaining databases and electronic notebooks.

- Preparation, shipping, and documentation of reagents for external collaborations and CROs.

- Some travel will be required.

Requirements:

- PhD or Master's degree with greater than or equal to two years of biotech or pharma experience.

- Scientific training and hands on experience with AAV biology and pharmacology.

- Experience leading and working on multiple projects simultaneously. Attention to detail and ability to organize and prioritize tasks in a timely and accurate manner to meet tight deadlines.

- Advanced problem-solving and interpersonal skills.

- Exceptional written and verbal communication.

- Evidence of scientific accomplishments in the form of publications and/or presentations.

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

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