



Scientist, In Vivo Electrophysiology

The Company

Decibel Therapeutics is a hearing company focused on discovering and developing new medicines to protect, repair and restore hearing. By combining recent innovations in hearing science with leading diagnostic tools, biological insights, and therapeutic delivery techniques, Decibel is pioneering a comprehensive approach to define the underlying biological causes of these hearing disorders and is developing a pipeline of breakthrough drugs. We are passionate in our commitment to bring meaningful therapeutics to people with hearing disorders, to create a world in which the benefits and joys of hearing are available to all.

We are building the world's leading team in hearing. Decibel is looking for extraordinary individuals to join our expanding group of energetic, enthusiastic and inspired professionals.

Position Overview & Responsibilities:

Decibel Therapeutics is looking for a Scientist with experience in the auditory system to be part of the pharmacology team working to identify novel therapies for the treatment of hearing loss.

As a Scientist, you will be expected to work equally well in self-starting mode as well as a member of a matrixed team within Decibel. Your focus will be to develop, implement and execute appropriate in vivo assays required for the advancement of both specific high priority projects as well as Decibel's inner ear platform. You will work in close collaboration with the management team and scientists to ensure that our pre-clinical programs and technology platform are based on solid scientific foundations, accurate feasibility assessments, and grounded in realistic, corporate aligned goals.

In this position you will lead the design, development and execution of in vivo pharmacology studies to determine the efficacy profile of novel compounds and their potential to treat hearing loss, using a variety of assays. In addition, you will be responsible for data analysis and interpretation and formulating the path for advancement through Decibel's discovery programs.

The individual in this position will have the opportunity to work closely with biology, drug delivery/PK and translational research teams, across multiple projects and indications.

The successful candidate will be highly motivated to work as part of a team in a fast-paced, dynamic environment. Additionally, the ideal candidate will be highly enthusiastic to join the wider Decibel team in working to understand the bases of hearing losses and to generate treatments that benefits patients, their families and communities.

Requirements

- PhD in pharmacology, molecular and/or cell biology or neurobiology with 3 to 5+ years relevant experience or Bachelors or Master's degree with 12 to 15+ year's relevant industry experience
- Hands-on experience with in vivo electrophysiology (field potentials, multi-unit, or single-unit), including data acquisition, analysis, and visualization
- Hands-on experience in diverse, in vivo and in vitro experimental model systems, experience in molecular and cell biology, cell signaling and RNA/protein expression techniques
- Experience in designing and executing experimental strategies to validate and understand the mechanism of action for identified targets



DECIBELTHERAPEUTICS

- Broad vocabulary that encompasses significant (publications and/or INDs) experience in hearing-related fields (e.g. at least one of: tinnitus, noise-induced hearing loss, ototoxicity, presbycusis, genetic disorders relevant to hearing) or other indications
- Ability to develop and execute research studies, critically assess data quality and results, and effectively communicate results to the team
- Strong problem-solving skills
- High level of interpersonal skills, including working/communicating with multiple teams
- Ability to time-manage and work on multiple projects
- Ability to work in a dynamic environment