



Research Associate/Senior Research Associate, In Vivo Pharmacology at AIRNA

COMPANY OVERVIEW

AIRNA is pioneering the discovery and development of RNA editing therapeutics to deliver on the promise of genetically defined medicines for patients with rare and common diseases. RNA editing is poised to lead the next generation of RNA therapeutics by targeting diseases not accessible through other approaches with a medicine that can be conveniently re-dosed and manufactured. AIRNA's founders, Thorsten Stafforst and Jin Billy Li, were the first to elucidate a therapeutic approach for precise editing of RNA using the endogenous enzyme ADAR. Initial financing of the company was led by ARCH Venture Partners, with participation from ND Capital, Fast Track Initiative (FTI), Novalis, and Codon Capital. AIRNA has headquarters in Cambridge, MA, with research operations in Tübingen, Germany.

JOB DESCRIPTION

AIRNA is seeking a highly motivated Research Associate/Senior Research Associate to join our in vivo pharmacology team in Cambridge, MA and assist in executing activities associated with AIRNA's drug discovery programs and help advance novel therapeutics to the clinic.

Responsibilities

As a member of AIRNA's in vivo pharmacology team you will be involved in the development and execution of biochemical and cell-based assays for low/mid throughput analysis of RNA-modifying oligonucleotides. Your responsibilities will include:

- Working independently or with minimal supervision to execute biochemical and molecular biological experiments designed by senior lab personnel.
- Supporting in vivo pharmacology activities by performing rodent research studies with a team.
- Performing cell culture maintenance activities such as passaging, banking, and seeding.
- Preparing RNA and proteins from cell or animal samples and analyzing these samples by qPCR, ELISA, MSD, sequencing, or Western blot analysis.
- Supporting development and validation of new assay methods and optimization of processes.
- Performing general lab duties such as maintenance of lab equipment and reagent preparations.
- Maintaining accurate and complete records in electronic notebook necessary to support regulatory submissions and technical reports.
- Preparing and updating documentation as needed (SOP, Batch Records, etc.).
- Ensuring compliance with company policies, procedures, and safety regulations.
- Positive, collaborative, and committed team member.

Qualifications

- Bachelor's degree in Biological Sciences, Biochemistry, Molecular Biology, Pharmaceutical Sciences, or closely related field.
- 1 - 5 years of relevant working experience in industry.
- Demonstrated ability to execute relevant biochemical plate-based assays like RT-qPCR assays, ELISAs, ligand-binding assays, etc.



- Experience with aseptic laboratory technique required.
- Timely and detailed experimental documentation.
- Detail-oriented with strong analytical and trouble-shooting skills.
- Working familiarity with Microsoft Office and PRISM.
- Demonstrated ability to work as part of a team and to adapt within a fast-changing environment.

Desirable Requirements

- Biotechnology or pharmaceutical industry experience.
- Hands on experience with animal handling procedures including dosing (SC), blood and tissue collection, necropsy.
- Experience in isolating and analyzing RNA.
- Experience in using automatic liquid handlers and performing assays in 384+ plate formats.

Compensation

AIRNA Bio is prepared to offer the successful candidate a competitive cash compensation package together with attractive equity participation. Additionally, a package of benefits will be provided.

Are you interested in joining the team? Please apply by emailing careers@airna.com