

Research Associate - Cell Pharmacology

We are looking for a highly collaborative team player who has experience in cell-based signaling studies for studying biological drug products. Hands-on experience with mammalian cell culture is required with expertise in cell and molecular biology techniques preferred. The successful candidate will contribute to our core research capabilities and the development of our anti-GPCR antibody discovery platform. The candidate would support assay development and conduct established assays to validate new targets and characterize the in-vitro function of antibodies. This position represents a unique opportunity for the successful applicant to join an innovative start-up at the heart of the Boston biotech ecosystem and to contribute to its long-term success.

About Tectonic Therapeutic

Tectonic is a privately held biotechnology company that aims to transform the discovery of novel GPCR-targeted drugs and unlock the therapeutic utility of the most challenging receptors in the class. Tectonic's founders are at the forefront of scientific research in biochemistry and molecular pharmacology. Their extensive track record of achievements includes major contributions to the development of multiple approved therapies for different diseases. In 2021, Tectonic Therapeutic was named as one of Fierce 15 biotechnology companies, designating it as one of the most promising early-stage biotechnology companies in the industry. Tectonic Therapeutic was also named as one of the Endpoints 11 most promising private startups in biotech

Professional Responsibilities

- Perform transfections in mammalian cells and generate stable cell lines
- Characterize and validate gene expression by qPCR, western blot and FACS techniques
- Develop/ establish functional cell-based signaling assays and facilitate screening of novel therapeutics targeting GPCRs in 96-/ 384-well plate formats. Primarily luminescence and fluorescence-based assays, including HTRF will be used
- Analyze, interpret, and present data in lab meetings
- Maintain a detailed and accurate lab notebook

Position requirements

- Bachelor's degree in Biology, Pharmacology, Biochemistry or related discipline with 1-3 years of directly relevant laboratory experience
- Experience in aseptic cell culture techniques (mammalian)
- Experience in in-vitro cell-based functional studies to determine potency and efficacy of biological drug products, ideally with knowledge of liquid handling automation
- Proficient communication skills and ability to work both independently and in teams
- Attention to detail and ability to prioritize work on multiple projects, timelines and company goals
- Desire to master core concepts, quickly learn new skills and adapt to new challenges in a rapidly developing startup environment