



**Position Title:** Sr. Scientist, Assay Development  
**Department:** Discovery & Translational Sciences  
**Hiring Manager:** VP, Discovery & Translational Science  
**Date Opened:** May 2021

**Our vision is a world where science, passion, and compassion create better todays and more tomorrows.**

#### **Position Overview:**

Astria Therapeutics is seeking a highly motivated Sr. Scientist with industry experience in protein therapeutics. This is an exciting opportunity to lead biophysical characterization and functional screening efforts for our growing antibody therapeutics pipeline. This role also offers an opportunity to shape the overall direction of the Bioassays group. The successful candidate will be responsible for developing, implementing, and managing a broad range of assays in close relationships with our various CRO partners. The candidate should exhibit excellent communication and collaborative skills needed to work on cross-functional and multi-disciplinary drug discovery teams.

#### **Responsibilities:**

- Contribute to the overall scientific strategy and direction of the Bioassays function
- Design, implement and manage biochemical and biophysical assays to screen and characterize antigen-antibody binding, kinetics, and function from hit identification through mechanism of action studies
- Generate and maintain SOPs for in vitro assays together with CROs, and manage external research
- Analyze data, and help evaluate/select candidate antibodies
- Proactively anticipate assay needs for different programs and evaluate new antibody screening technologies
- Develop project plans and workflow to meet project goals and milestones
- Effectively present and communicate research findings at internal meetings and external scientific conferences

#### **Qualifications:**

- PhD or MS in Immunology, Biochemistry, Biophysics or a related scientific discipline with a minimum of 2 years of directly relevant industry experience
- Strong knowledge and understanding of in vitro assays and processes to support antibody discovery efforts
- Experience with a broad range of biophysical characterization assays, including SPR

100 High Street, 28<sup>th</sup> Floor, Boston, MA, 02110

- Experience in enzymology and recombinant protein expression are desirable but not required
- Experience with protein assays is required, including ELISA and Western Blots, and in vitro determination of function using substrates and fluorescent reporters
- Experience with medium to high-throughput assay development and benchmarking, and proficient in the use of relevant data management, analysis and visualization tool
- Track record of delivering on project and company goals
- Ability to accommodate to fast changing priorities and meeting established deadlines
- Excellent communication and project leadership skills and ability to work effectively in a team setting
- Strong experience in managing external collaborations and CRO activities
- Scientific productivity demonstrated by publications and presentations