



Scientist / Senior Scientist, Antibody Discovery

Company:

Visterra is a clinical stage biotechnology company committed to developing innovative antibody-based therapies for the treatment of patients with kidney diseases and other hard-to-treat diseases. Our proprietary technology platform enables the design and engineering of precision antibody-based product candidates that specifically bind to, and modulate, key disease targets. Applying this technology to disease targets that are not adequately addressed by traditional therapeutic approaches, we are developing a robust pipeline of novel therapies for patients with unmet needs. Our most advanced program is in Phase 2 clinical development.

Visterra is a wholly-owned subsidiary of Otsuka America, Inc., which is a U.S. holding company and a wholly owned subsidiary of Otsuka Pharmaceutical Co., Ltd. of Japan. Visterra has approximately 50 employees and is located in Waltham, Massachusetts.

Summary:

Visterra is seeking a highly motivated **Scientist / Senior Scientist** to drive advancement of innovative antibody discovery technologies and facilitate their execution against important disease targets. This individual will play a key role in augmenting antibody discovery technologies and driving antibody drug discovery to challenging targets. The candidate will participate in the conception and design of experimental strategies, execution of molecular and cellular assays, critical analysis of results and communication of study findings. The successful candidate will have an innovative mind set and be a collaborative team player, effective critical thinker, clear communicator and possess excellent troubleshooting skills. The ideal candidate should have previous experience in antibody discovery and related molecular and cellular methods. This is a full-time position located at Visterra's site in Waltham, MA.

Minimum Qualifications

- A Ph.D. or equivalent degree in biochemistry, molecular/cell biology, immunology, biological engineering or related field with 2+ years (PhD) post-graduate research experience, preferably in a biotech or pharmaceutical setting.
- Demonstrated experience of critically analyzing and distilling complex scientific problems, and conceiving creative solution strategies.
- Demonstrated ability to work closely and collaboratively with a team.
- Proven track record in molecular biology and development of biochemical assays.
- Excellent critical thinking and troubleshooting skills.
- Strong verbal and written communication skills.
- Intellectual curiosity with enthusiasm to tackle challenging problems



Preferred Qualifications:

- Strongly preferred: previous research experience in the following areas – therapeutic antibody discovery, yeast/phage surface display, robust quantitative binding and biochemical assays, next generation sequencing (NGS), recombinant protein expression and purification, and microfluidics with biology applications.
- An understanding of antibodies, their structure and function, and related immunology.
- Experience in the use of flow cytometry (FACS).
- Practical knowledge of recombinant production expression and purification (chromatography).
- Basic bioinformatics skills.
- An understanding of protein structure and basic ability to analyze protein structure (e.g., PyMol).

Management responsibilities: This position does not have supervisory responsibilities

Travel: None

Visterra provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws.