

Scientist-Senior Scientist, CryoEM Structural Biologist and Protein Engineer

Seismic Therapeutic, a biotechnology startup focused on the intersection of structure, protein engineering, machine learning and immunology, is seeking an experienced and motivated Director of Immunology to help drive novel immunotherapy programs.

About Seismic: Seismic is determined to help patients with unmet need by integrating machine learning, structural biology, protein engineering, and translational immunology to generate clinic-ready drugs. At our core, we are focused on phenomenal science, supportive culture, a superstar team, meritocracy, and patient-centric goals. Seismic has the tools, skills, ideas and people to make this a reality. Success will be the discovery and development of effective therapies for patients in need, and we invite you to become a part of that.

Responsibilities:

- Design and implement structural biology experiments, including protein production and characterization, structure determination and analysis.
- Design and optimize biophysical and biochemical studies of biotherapeutic molecules using a range of methods for candidate optimization and development.
- Closely collaborate with a diverse team of wet-lab scientists, protein engineers, and machine learning computation scientists.
- Manage and direct CROs

Who You Are:

- A rigorous scientist with a deep understanding of protein biochemistry and structure
- Enthusiastic and innovative
- Intellectually curious with a passion for exploring new approaches for better and faster structure determination and rational design
- Bold in proposing creative experimental designs and ideas, relentless in pursuing successful outcomes
- Driven and conscientious, thrives in a fast-paced, entrepreneurial environment
- Passionate about improving patients' lives

Qualifications:

- PhD in structural biology, chemistry, biology, biochemistry, biomedical engineering, or related field
- Strong expertise in protein construct design, protein expression and purification, sample vitrification, data collection with direct electron detectors and structure determination.
- Solid experience with structure analysis and characterization of structure-function relationship.
- Strong collaborative, organizational, and presentation skills
- Ability to direct Research Associates, Technicians and CRO's
- Ability to document, maintain, and share an organized account of lab work and results

As a member of our diverse and growing team, you'll help shape Seismic into a company that takes its scientific mission seriously while providing a positive and supportive workplace environment and culture. With your insights, passion and talent - we'll bring novel therapeutics to the patients who need them the most.

Seismic Therapeutics is an equal opportunity employer. We will not tolerate discrimination on the basis of race, color, national origin, sex, sexual orientation, gender identity, religion, age, disability, veteran's status, pregnancy, genetic information or on any basis prohibited by federal, state or local law.