



Pr./Sr./Scientist — Biomolecular Sciences

The company

Stablix is a venture-backed New York City-based, biotechnology company developing novel, small molecule therapeutics that harness the power of the body's own cellular machinery to restore protein expression, stability and function to treat disease. Stablix is a first mover, pioneering the rescue and stabilization of the countless proteins required for normal health. Based on a patented platform technology from the laboratory of Dr. Henry Colecraft at Columbia University, Stablix targets universally degradative signals in a specific and adaptable manner, generating an entirely new therapeutic paradigm for restoring protein expression. Stablix is pushing forward a broad therapeutic pipeline aimed at addressing unmet medical needs in rare Mendelian diseases and oncology.

The position

Stablix offers the opportunity to work at a big concept biotechnology company. We are seeking a scientist who will provide experienced leadership in the biophysical characterization of protein-small molecule interactions to collaborate with the chemistry team to advance SAR and support drug discovery efforts across the portfolio. We are searching for enthusiastic, innovative, and highly motivated individuals with a passion for pursuing scientific research aimed at bringing novel medicines to patients. Successful candidates should be scientifically motivated self-starters, comfortable working in a fast-paced environment and capable of working independently in conducting and critically analyzing screening, binding and activity experiments.

Key Responsibilities

- Manage protein crystallography and structure determination efforts, provide detailed structure analysis in regular team updates and facilitate structure-guided drug design efforts
- Establish and manage collaborations with external partners performing crystallography and biophysical characterization of lead compounds across projects
- Collaborate with protein production and purification team to generate crystallography grade protein reagents
- Analyze, document and report data clearly and concisely to cross-functional teams and help guide compound optimization in close collaboration with chemistry group
- Participate in various aspects of this fast-paced company, from building out the capabilities, contributing intellectually and generating data in a fast and efficient manner
- Stay abreast of the latest scientific understanding in project specific biology from target validation to clinical data
- Proactively evaluate new technologies and identify, evaluate, and manage external vendors or assay vendors and studies



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Qualifications

- Ph.D. in a relevant subject and experience in the development and execution of X-ray crystallography and biophysical assays
- Extensive knowledge of protein structure and function as it relates to crystallization and biophysics
- Hands on experience with protein-small molecule X-ray crystallography, SPR, ITC, DSF and other biophysical techniques is required
- Experience developing, running, and interpreting X-ray crystallography data and biophysical characterization of proteins and small molecules is essential
- Demonstrated ability to solve difficult problems in crystallography and biophysics
- Strong knowledge of the drug discovery process, with industry experience in implementing hit identification strategies preferred
- Extensive knowledge of protein structure and function as it relates to biophysical implications.
- Ability to independently plan, execute, and analyze complex experiments
- Strong presentation and communication skills, both oral and written
- Motivated, curious, and team-oriented, with an ability to thrive in a fast-paced environment

For more information contact us at careers@stablix.com.