



Pr./Sr./ Scientist — Cell Biology

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 with a strong foundation in cell biology/chemical biology to join our biology team with the goal of advancing our research programs from early discovery to proof-of-concept and beyond. 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 biology experiments.

Key Responsibilities

- Generate, develop, and execute quantitative cell-based assays to triage compounds using a variety of readout technologies (i.e. fluorescence, luminescence, BRET).
- Design DNA constructs and engineer cell lines to overexpress, knock-out, and knock-in genes of interest (i.e. transient and stable expression, CRISPR-based gene-editing, etc).
- Perform standard cell-based analytical analyses to assess protein levels, including flow cytometry, ELISA, immunoblotting/fluorescence, and cell imaging
- Work with collaborators both internal and external to effectively communicate data results.
- 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.

Qualifications

- Ph.D. in Biology, Biochemistry, Chemical Biology or a related field.
- Proficiency in aseptic mammalian cell/tissue culture is a must
- Expert in molecular biology techniques, with experience in CRISPR-based engineering of KO/KI cell lines highly desired.
- Expert in performing cellular mode of action (MOA) studies with small molecules, including experience in target engagement, cellular potency / selectivity, and evaluation of molecular interactions.
- Experience with liquid handling and automation for high throughput screening is a plus.
- 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.