

Scientist, Chemistry Platform

Peptide Synthesis and Discovery

Company Description

We are pioneering the development of synthetic biomarkers – biochemical sensors developed using breakthroughs in science, engineering, medicine and artificial intelligence – that are engineered to be perfectly tunable to any disease, specific, and offer earlier measures of response to disease and treatment. Our synthetic biomarkers are administered to patients and tailor-made to query the activity of key biological targets such as proteases – a class of enzymes that drive critical disease pathways. Synthetic biomarkers exploit the human body’s own proteases and in vivo trafficking to create perfectly refined and trackable markers of disease which are accurate, sensitive, specific and detectable in a simple noninvasive urine test. It’s the new frontier of liquid biopsy. Our lead indication is in NASH, with additional programs in oncology and infectious disease. Our development pipeline is broad, with preclinical validation in over 10 diseases.

Position Description

This laboratory-based role will provide you the opportunity to lead key R&D activities within the Chemistry Platform. You will be part of a vibrant and dedicated company working at the forefront of scientific discovery and clinical development. We are committed to bringing the best products to patients and your role will be essential at enabling Glympse Bio with world class capabilities that can be game changing for the field. You will be leading our peptide discovery efforts and will have the opportunity to use your creativity to impact the field of molecular diagnostics. Our unique culture and highly multidisciplinary team will provide you both with the necessary support to ensure your success and with opportunities to learn and grow professionally.

Responsibilities

- Design, synthesize, and optimize biosensors for disease-relevant enzymes
- Establish and lead peptide and peptide library synthesis capabilities to support R&D
- Work closely with the Biology team to support preclinical efforts
- Innovate, implement, and lead state of the art high throughput discovery capabilities
- Work closely with high throughput screening and engineering functions to facilitate innovation, biosensor validation, and library iteration
- Contribute to the design and implementation of internal data analysis pipelines and LIMS systems
- Assist computational scientists and software engineers with the design of informatics around new technologies and contribute to computationally aided library design
- Maintain records, prepare reports, make presentations to update team and R&D Leadership
- Write internal reports and external publications
- Lead and mentor research associates in a laboratory setting

Basic Qualifications

We are looking for candidates with these required skills to achieve our goals:

- PhD in chemical engineering, organic chemistry, chemical biology, biochemistry or related discipline
- 5+ years in designing, synthesizing, purifying and characterizing peptides
- Experienced in assay development and optimization using a variety of analytical and biochemical techniques including but not limited to HPLC, LC-MS, ELISA, blotting, affinity enrichment
- Work independently, design, execute, interpret and troubleshoot experiments
- Maintain accurate, complete laboratory records
- Adaptable professional with ability to rapidly reprioritize and plan accordingly
- Excellent verbal and written communication, strong organizational and interpersonal skills
- Creative and motivated self-starter
- Adaptable and able to reprioritize
- Ability to work effectively in a team and matrix environment

Additional Qualifications

If you have one or more of the following characteristics, it would be a plus:

- Expertise in peptidomimetic discovery and optimization using non-natural amino acids as evidenced by a publication record
- Expertise in peptide library synthesis and high throughput assays including peptide arrays
- Experience with non-natural amino acid building block synthesis
- Familiarity with conjugate/bio-conjugate preparation and characterization
- Familiarity with high resolution mass spectrometry instruments and proteomic approaches
- Familiarity with enzyme kinetic assays
- Pharma/biotech experience
- Experience managing people

Additional information

Compensation & Benefits

Glympse Bio provides competitive compensation and benefits packages that support and reward the contributions of each member of the team.

About Glympse:

We are a dynamic and high energy team that is committed to pushing scientific boundaries in pursuit of our goals. We are creative, agile, resilient, and always have the 'courage to continue'. We work as a team, committed to each other's success, in an environment where every team member is important.

Website: www.Glympsebio.com

Glympse Bio is an Equal Opportunity Employer committed to a culturally diverse workforce. All qualified applicants will receive consideration for employment without regard to race; color; creed; religion;

national origin; age; ancestry; nationality; marital, domestic partnership or civil union status; sex, gender, gender identity or expression; affectional or sexual orientation; disability; veteran or military status or liability for military status.