



Job Title: Sr Scientist/Principal Scientist, Protein Analytics

Job description:

The Antibody Discovery group at Verseau Therapeutics is looking for an individual experienced in antibody characterization and protein analytics who will play an important role in the discovery and development of novel biotherapeutics at an exciting, fast-paced start-up company focused on harnessing macrophage biology for immuno-oncology and inflammatory diseases. S/he will be responsible for contributing to the strategy for assessing the biophysical properties of lead antibodies to Verseau targets, designing and executing antibody characterization workflows, selecting clinical candidates, and working closely with CMC as candidates advance towards development. S/he will also have the opportunity to contribute to, or lead, earlier-stage antibody generation projects, as time permits. The successful candidate will work cross-functionally with Verseau scientists, work effectively with external partners and CROs, and contribute to program direction and strategy.

Responsibilities will include (but are not limited to):

- Design and execute antibody biophysical characterization approaches, for lead candidate selection.
- Recommend and implement internal capabilities and assays for antibody and protein characterization.
- Support CMC and IND enabling studies.
- Write technical reports for patent applications, IND reports, and scientific publications.
- Record and communicate findings in a timely manner.

Minimum requirements:

- Ph.D. in Biochemistry, Biophysics, Molecular Biology, Bioengineering, Chemical Engineering or a related discipline with a minimum of 3 years of industry experience.
- Experience with protein biophysical characterization, via multiple techniques, including analytical SEC, light scattering (DLS), and thermal stability (DSC/DSF).
- Experience with antibody developability assays, including stress and serum stability studies.
- Experience with antibody binding assays, such as ELISA, ForteBio Octet or Biacore, and flow cytometry.
- Experience with drug discovery processes and requirements for antibody lead properties required to move into clinical trials.
- Excellent analytical, communication, and organizational skills essential.



- Proven ability in collaborating effectively with cross-functional teams.

About Verseau:

Verseau Therapeutics is a multifaceted platform company with a broad focus on macrophages in human disease. The platform is built around a discovery engine combining computational approaches with original validation assays based on human samples. Verseau is agnostic toward drug-modality choice, dictated entirely by the biology of best validated targets. Thus, the future pipeline will combine monoclonal antibodies, small molecules, and novel delivery techniques using nucleic-acid-carrying lipid nanoparticles. The company holds IP from MIT from laboratories of Robert Langer and Daniel Anderson and has internal know-how around methods of delivery to macrophages. The early application of our platform is in cancer. The goal is to complement current approved therapies based on T cell checkpoint inhibitors with anticipated synergistic action. We will also broaden T cell therapy utility by activating immune response to tumors with no prior T cell reactivity. The company is currently pursuing a clinical program based on two established macrophage genes and initiated a broad functional screen of novel macrophage targets. Our goal is to build a leading biopharmaceutical brand with focus on macrophage-based therapies in a broad spectrum of disease indications.