Sr. Research Associate, Antibody Discovery & Protein Engineering	 SCHOLAR ROCK

Summary of Position:

Scholar Rock is seeking a talented Biology, Biochemistry or Molecular Biology associate scientist to join Scholar Rock's research team in discovering and developing novel biologic therapies, called "supracellular activators" that target protein growth factors in the disease microenvironment. The successful candidate will be deeply involved in the discovery and engineering of novel antibodies that specifically modulate the function of disease-causing growth factors in such therapeutic areas as fibrosis, musculoskeletal diseases, and autoimmunity.

Position Responsibilities:
As a member of our discovery team, the candidate will:

- Contribute to design, management and execution of antibody discovery and optimization campaigns either internally or in collaboration with CROs to support biologics drug discovery pipeline
- Purify and characterize antibodies for biochemical, biophysical and biological (in vitro biochemical or cell based assays) properties
- Contribute to the design, expression and biochemical characterization of bi-specific antibodies
- Maintenance of laboratory records, protocols and summaries
- Organize and present data at team or company meetings

Candidate Requirements:

- BS or MS in Biochemistry, Molecular/Cell Biology or related field.
- At least 5 or more years of laboratory and/or industry experience in drug discovery research.
- In depth knowledge of human antibody/immunoglobulin sequences and structure.
- Experience/Expertise in phage and/or yeast display, affinity maturation, or hybridoma technology.
- Experience in antibody purification using AKTA systems and column chromatography.
- Antibody characterization experience using different analytical techniques (SDS-PAGE, Western blot, ELISA, Octet & FACS analysis)
- Experience characterizing and optimizing pharmaceutic attributes of candidate therapeutic antibodies for multiple characteristics such as affinity, effector function, immunogenicity and manufacturability.
- Experience in bi-specific antibody generation and characterization a plus
- Experience in cell handling, cell culture, assay development and molecular biology techniques is highly desirable.
- Demonstrated ability to manage project work independently in a fast-paced matrixed environment.
- Be able to troubleshoot problems and propose creative solutions.

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- Strong communication skills, written and oral.
- Enthusiasm for working in an interactive, ambitious and entrepreneurial drug-discovery environment.