JOB PROFILE

Job Title: Director, Antibody Engineering

Department	Type	Location
Center of Biologics Research	Full-time	Chengdu, China

Job Summary:

We are seeking a highly talented, motivated, and experienced protein engineering expert to join our Biologics R&D team and lead the antibody engineering team in advancing our antibody-based therapeutic R&D activities.

Key Responsibilities:

- Responsible for innovative antibody design and engineering, including humanization, affinity maturation, molecule optimization for hydrophobicity, immunogenicity, and isoelectric point.
- Complete the structural design and evaluation of novel structural antibodies or therapeutic proteins, including bispecific antibodies, fusion proteins, etc.
- Lead the team to complete the early druggability evaluation of antibodies based on in-silico analysis and experiments.
- Lead the team to complete the construction and screening of the antibody phage library.
- Responsible for discovery stage project strategy and project management.
- Responsible for preparing and reviewing new drug patent filing, IND submission, collaboration documentation, and contracts.
- Participate in external project evaluation, technology licensing, etc.

Position Requirements:

- Master's degree or Ph.D. in molecular biology, cell biology, structural biology, bioinformatics, or other related fields with 5+ years of antibody and/or protein engineering experience in an academic or industrial setting; international background or relevant work experience in global pharmaceutical companies is preferred.
- In-depth knowledge of bioinformatics, molecular biology, and structural biology.
- Proficiency in molecular cloning, phage screening, cell culture, antibody druggability evaluation, and other related technologies.
- Proficiency in scripting languages such as Python and other database programming.
- Strong communication, organization, and interpersonal skills.
- Problem-solving, decision-making, and project management skills.
- Able to work productively in a fast-paced environment.