

Title	Discovery Biology Biologics Investigator
Department	Antibody and Cell Therapy
Work Location	Boston, MA
Job Type	Full Time, regular
Job Description	<p>The successful candidate(s) will be part of the Antibody and Cell Therapy team to leading target discovery, validation, antibody engineering and optimization, biochemical and cellular assay development, the design of in vivo studies and implementation through CRO. The candidate will be responsible for managing internal projects and leveraging company-wide resources as well as CROs to efficiently and effectively deliver high quality results for decision making. The candidate will be proactively searching opportunities for academic and industry collaboration. The candidate will also explore and develop innovative technologies to advance biologic projects. The candidate will analyze scientific results, provide oral and written reports, and remain current to literature update and new technology developments.</p> <p>Specific responsibilities:</p> <ul style="list-style-type: none">• Bispecific antibody engineering and optimization• Design and establish robust biochemical, biophysical and cellular assays for antibody screening, validation and optimization.• Propose new targets and lead the team on target validation and drug discovery.• Design in vivo studies for efficacy and toxicity.• Closely collaborate with colleagues in downstream development, pharmacology, biologics formulation and IP department• Proactively searching for potential academic collaborations.• Manage internal and external resources.• Actively contribute to scientific discussions in project meetings• Analyze scientific results, provide oral and written reports, and remain current to literature reports and technological developments.• Team building and talent management• Compliance with local and global standards in Health/Safety & Environment

- Minimum requirements**
- Candidate must hold Ph.D in Biochemistry, enzymology, Cell Biology, Immunology or related fields with track record of publications. 5+ years biologics drug discovery experience.
 - Hands on technical skills in biochemical and biophysical technologies including but not limited to TR-FRET, FP, SPR and ITC. Proficient with Bioanalytic technics such as LC-MS is a plus.
 - Experience with protein engineering, antibody production and stable cell line screening.
 - Experience in Oncology, neurological disease or other disease area(s) drug discovery.
 - Leadership skills and experience in project management and problem solving
 - Excellent written and communication skills.
 - Experience in academic and CRO collaboration is a plus.

Title **Discovery Biology Biologics Scientist**

Department Antibody and Cell Therapy

Work Location Boston, MA

Job Type Full Time, regular

Job

Description The successful candidate(s) will be part of the Antibody and Cell Therapy team to conduct experiments from the bench on target discovery, validation, biochemical and cellular assay development for biologic drug discovery. The candidate will be responsible for efficiently and effectively delivering research results for decision making. The candidate will also explore and develop innovative technologies to advance biologic projects. The candidate will analyze scientific results, provide oral and written reports, and remain current to literature reports and technological developments.

Specific responsibilities:

- Design and develop robust biochemical, biophysical and cellular assays for antibody screening, validation and optimization.
- Actively contribute to scientific discussions in project meetings
- Analyze scientific results, provide oral and written reports, and remain current to literature reports and technological developments.

Minimum requirements

- Candidate must hold BS or MS in Biochemistry, enzymology, Cell Biology, Immunology or related fields. 3+ years biologics drug discovery experience.
- In-depth of independent technical skills in biochemical and biophysical technologies including but not limited to TR-FRET, FP, SPR and ITC. Proficient with Bioanalytic technics such as LC-MS is a plus.
- Hands on experience in molecular biology techniques such as cell culture, flow cytometry, transient/stable cell line generation, RT-qPCR, western blot, and ELISAs.
- Proficient experience in protein engineering, antibody production and stable cell line screening and generation.
- Experienced in Oncology or neurological disease biologic therapeutic drug discovery.
- Excellent written and communication skills.