

1. Research Associate – Antibody Discovery

Job Title: Research Associate / Associate Scientist

Job description

As a Research Associate or Scientist- you will join an ambitious and productive team, dedicated to therapeutic antibody discovery. We are seeking an outstanding individual to support the discovery and characterization of antibodies to enable lead selection for multiple therapeutic programs. The successful candidate will work on unique hybridoma/single B cell platforms to discover novel antibodies and work across functional teams to establish and execute biophysical assays to support antibody characterization. The person in this role will have the opportunity to learn various aspects of biotherapeutic drug development in a fast-paced matrixed environment.

Key Responsibilities:

- Learn to design and execute hybridoma generation and single B cell cloning for novel antibody discovery
- Characterize the binding properties of antibodies by ELISA, flow cytometry, and Octet
- Perform stability and pre-formulation studies on antibodies to assess their “drug-like” qualities
- Maintain detailed records of experimental protocols and data in laboratory notebooks in accordance with company policy
- Work with functional group and project teams to manage and prioritize antibody characterization experiments
- Analyze, interpret, and report experimental results to the relevant functional and project teams

Position Requirements

- BS, MS or Ph.D in molecular biology, biochemistry, Immunology or related field work experience
- Strong work ethic and high-level of motivation required
- Ability to function in a timeline-driven, dynamic environment and adapt to new techniques and protocols required
- Preferred: Experience characterizing antibodies by Octet, ELISA, and HPLC; maintain detailed records of experimental protocols and data in laboratory notebooks in accordance with company policy; Analyze, interpret, and report experimental results to the relevant functional and project teams

2. Research Scientist (Ph.D level) – Antibody Engineering

Job Title: Scientist I / II

Key Responsibilities:

- Optimization of antibody candidates by yeast display or mammalian display, murine antibody humanization, the design and generation of antibody expression constructs, generation and evaluation of fusion proteins, and DNA/protein sequence analysis of hits from hybridoma and phage display campaigns.
- Record experimental details, results and conclusions as well as communicate research progress in a timely fashion.
- Collaborate with multidisciplinary therapeutic antibody discovery teams.

Position Requirements

- BS/MS/Ph.D in Biochemistry, Molecular Biology, Immunology with 2+ years of relevant working experience.
- Experience in yeast display or mammalian display.
- Experience in molecular biology techniques such as vector construction, PCR, and various bioinformatics tools.
- Experience with ELISA, reagent preparation and aseptic techniques.
- Good written and oral communication skills and interpersonal skills.
- Work productively in an interdisciplinary team environment.

Preferred Qualifications

- Experience in drug discovery projects.
- Experience in lab automation for HTS.
- Experience with SPR and BLI for the kinetic analysis of antibody-antigen interactions
- Experience in protein purification including affinity, size exclusion and ion exchange chromatography
- General knowledge and understanding of therapeutic antibody discovery and development
- Good problem solving and organizational skills
- Good computer skills, including word-processing, graphics, and spreadsheet programs