



*Scientist/Senior Scientist/Associate Director-
Single B cell & Display Nanobody/Antibody
Discovery*

NovaRock Biotherapeutics is a dynamic start-up company dedicated to the discovery, development, and commercialization of potentially transformative therapeutics for the treatment of cancer, autoimmune and other diseases. We offer a technologically and scientifically rigorous environment with all the fun and passion that a start-up provides, plus a competitive compensation package including excellent benefits.

We seek a highly motivated and energetic Scientist/Senior Scientist/Associate Director with strong scientific background and extensive hand-on experience in Single B cell cloning and Display technologies for nanobody/antibody discovery to join our antibody discovery team at the central New Jersey site.

Responsibilities

- Sets up cutting edge B-cell encapsulation, single B cell cloning and display technology platforms for antibody/nanobody discovery
- PCR, molecular cloning, antibody expression
- Uses Tecan or other automation platforms to screen and discover antibodies/nanobodies
- Performs high throughput screening assays to screen antibodies/nanobodies from hybridomas, single B cell cloning and display platforms (ELISA, FACS and Imaging)
- Tissue culture, hybridoma expanding, cloning and freezing
- Antibody purification
- Conducts antibody characterization (SDS PAGE, ELISA, Octet)
- Data analysis, report writing, presentation at project meetings
- Documentation and notebook keeping

Qualifications

- MS or PhD in molecular biology, biochemistry or related fields with strong organization and supervisory skills
- Solid training and extensive experience in antibody development
- Experience with antibody V gene capture and display technologies
- Experience with FACS target B-cell sorting or selection
- Experience in molecular biology, PCR, antibody cloning and expression
- Experience with Octet or related technology platforms is desirable
- Experience with antibody purification is a plus
- Good communication skills are required
- Be able to work independently as well as in a team setting

Job Type: Full-time

Contact: Recruiting@novarockbio.com

