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COMPANY DESCRIPTION

Somru Bioscience is a fast-growing biotechnology company dedicated to developing breakthrough antibody technology for research, diagnostic and therapeutic applications. The company utilizes a unique and proprietary Somru™ technology which produces antibodies with superior binding affinity and bioactivity in a wide variety of biological assays in a short period of time. We have an ambitious vision to develop novel antibody product candidates to treat unmet medical needs. To achieve our mission, we seek motivated professionals who share our dedication to patients and our passion for discovery, innovation and scientific rigor.

We offer competitive compensation, an attractive benefits package and a collaborative and entrepreneurial culture.

Job Title:

Research Scientist – Antibody Engineering

Summary:

Research Scientist is responsible for leading cutting edge research on recombinant monoclonal antibody production and characterization. He/she is also responsible for independently researching state of the art methodologies and approaches for recombinant antibody production, strategic thinking, designing and executing experiments, analyzing resulting data and presenting findings to international conferences. Responsible for consulting with clients on drug discovery or development needs and delivering quality monoclonal antibodies to meet client need.

Job Duties:

- Design strategies for development of monoclonal antibodies through traditional and novel approaches
- Lead and conduct all aspects of monoclonal antibody generation: antigen design, monitoring immunization and titer; obtaining immune-competent organs and B cells for creating single cell clone(s); screening B cell clone(s) by molecular and other methods

- Recombinantly express antibodies and identify methods to improve key antibody engineering processes
- Develop and optimize various scalable cell culture processes for the production of monoclonal antibodies
- Purify and characterize antibodies
- Develop processes for high throughput large scale antibody production
- Design and execute experiments; analyze and interpret experimental results contributing to research program strategies
- Responsible for troubleshooting problems that may arise
- Consult with Principal Investigator regarding research, and prepare scientific articles, technical papers and reports.
- Prepare standards and specifications for processes, products, and tests
- Coordinate technology/methods transfer to and from external collaborators
- Highly self-motivated, with excellent attention to detail and strong organizational and written and verbal communication skills
- Creative and independent scientific thinking to solve complex technical and scientific problems
- Capable of integrating information generated from multiple sources to shape and strengthen research hypotheses
- Specific duties may vary depending upon departmental requirements

Requirements

- MS/ PhD in Biological Sciences (Immunology, Cell Biology or related field)
- Masters Degree with a minimum of 5 years experience, or Doctoral degree (Ph.D.) with a minimum 3 years' experience, in industry setting. Direct experience with development of monoclonal antibodies in cloning of antibodies from B cells or traditional hybridoma monoclonal antibody development is required
- Experience in generating large-scale libraries for use in display-based approaches to improve antibody characteristics
- Extensive experience with techniques for measuring binding affinity and kinetics
- Experience with statistical analysis and visualization of data using commercial and/or open source software and computational tools
- Experience in protein biochemistry (protein purification, Western blotting, immunoprecipitation, etc.)
- Strong project management and decision making skills

If you are interested in being considered for this position, please submit a resume to:

E-MAIL: hr@somrubioscience.com

Somru BioScience Inc.

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