



Research Associate I

The Research Associate I will be responsible for executing scientific research in the laboratory specifically related to the development of vaccines and therapeutic proteins, in addition to maintenance of general laboratory functions.

The Research Associate I:

- Performs day-to-day experimental activities and utilizes safe laboratory protocols;
- Maintains lab in clean and high-functioning condition;
- Adheres to experimental protocols required for product development and lab services for clients;
- Follows guidelines on data entry, conservation and sharing;
- Uses professional concepts to contribute to the development of the lab technology base and to achieve objectives in creative and effective scientific protocols.

The Research Associate will also be responsible for:

- Remaining current on relevant scientific and industry techniques;
- Interfacing with outside associates on collaborative programs;
- Assisting the team with documenting and updating Standard Operating Procedures as needed;
- Other duties as assigned.

Required Knowledge and Skills

The Research Associate should have strong theoretical and technical background of current laboratory assays and techniques in the areas of Immunology, Cell Biology, Virology and Biotechnology. The Research Associate should have strong communication skills and be current on industry trends. In addition the Research Associate will have:

- A strong attention to detail
- GLP documentation
- Aseptic Technique
- Strong background in mammalian cell culture required
- Familiarity with immunization protocols for studies in animal models desired
- Mouse handling, mouse cardiac bleeds, mouse splenectomy, mouse spleen and lymph node processing experience is strongly preferred
- Flow cytometry experience including sample preparation, flow cytometer set up and sample acquisition
- Flow cytometry analysis using FlowJo software
- SDS Page, HLA Binding Assays, ELISA, ELISpot, Fluorospot
- Proven capability to carry out and follow through complex research programs
- Proficient in Microsoft Excel, Word and Powerpoint

- Experience using Graphpad Prism software for data analysis
- Experience with multi-functional nan particle technology is a plus.
- Research Associates must also have a current driver's license and be able to secure a Zipcar Membership to travel to offsite mouse facilities when necessary

Relationships

The Research Associate I reports directly to the Lab Manager and indirectly to the CSO, COO and Scientific Directors.

Qualifications

Bachelor of Science in Immunology, Biomedical Engineering or Biotechnology is required. Minimum of 1 to 3 years relevant industry experience, proven track record of laboratory research and leadership as well as knowledge of current scientific techniques are a must.