



Senior Research Associate

The Senior Research Associate 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.

Responsibilities:

- 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 ways.
- 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;
- Assists with the writing of Workplans and other lab documentation.
- Works directly with Project Managers in workplan development;
- Maintains donor QC project, which includes responsibility for donor intake, inventory and assay processing;
- Involved in Lab new hire training, insuring EpiVax standards are met on all protocols and lab processes;
- Act as Lab representative at certain meetings such as Tregitope meetings, client update meetings, and workflow meetings;
- Acts as Lab Management representative in situations which the lab manager can not be present.
- Manages timely and high quality execution of project specific work plans
- Other duties as assigned.

Required Knowledge and Skills

The Senior Research Associate should have strong theoretical and technical background of current laboratory assays and techniques in the areas of Immunology, Cell Biology, Virology and Molecular Biology. The Senior Research Associate should have strong communication skills, be current on industry trends and 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
- 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 Senior Research Associate reports directly to the Lab Manager and indirectly to the CSO, COO and Scientific Directors.

Qualifications

Master's Degree or Bachelors of Science in Immunology or related field is required. At least 3-5 years of industry experience with Master's 5-10 years with Bachelor's, proven track record of laboratory research and leadership as well as knowledge of current scientific techniques are a must.

At this time, EpiVax will not sponsor applicants for work visas. In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification document form upon hire.