

In Vivo Research Associate (Antibody Therapeutic Development)

About the Job

We are seeking an In Vivo Research Associate who can plan, design and execute *in vivo* studies for our growing Antibody Discovery and Engineering team. The ideal candidate for this possesses a Bachelor's degree in a related area and holds Certification by the American Association for Laboratory Animal Science as a Laboratory Animal Technologist. A minimum of 3 years of experience in the care, handling and treatment of laboratory animals including significant competencies with rodent models including compound administration by multiple routes, tissue harvest, and blood collection with minimal supervision is required. Work will require PPE (personal protective equipment). This is a full time position located in Athens, Georgia.

POSITION SUMMARY:

The primary responsibilities of this position include but are not limited to drug formulation, dosing and administration via various techniques including intramuscular, intravenous, intradermal, subcutaneous, intraperitoneal and oral, health monitoring and tissue and blood collection and analysis in small laboratory animals. In addition to *in vivo* study design, the researcher must also be able to develop detailed immunization strategies for antibody development, be knowledgeable of the use adjuvants, how to properly prepare antigens and the importance of boosting timelines. Experience in small animal surgery and/or necropsy is preferred but not required. This researcher is responsible for observing health conditions of animals and must possess the ability to recognize common signs of clinical illness and or abnormalities in animal behavior. The position requires someone who can prepare and maintain accurate and detailed electronic experimental and animal health records and perform routine calibration and maintenance of laboratory equipment and instruments.

The person fulfilling this position must be able to accurately and effectively communicate progress in written and verbal form, have excellent communication skills, and exhibit enthusiasm, initiative and the desire and ability to be an active **team** participant.

ESSENTIAL FUNCTIONS:

- Designs and executes immunization strategies for antigen dosing, formulation, route of injection and serum sampling
- Conceives, plans, designs and conducts *in vivo* studies to test efficacy of therapeutic antibodies in relevant mice models
- Tissue and blood collection and preparation for downstream processing and analysis
- Conducts thorough analysis of data
- Performs routine animal husbandry and daily animal health checks of study animals

- Receives general direction and exercises discretion as to work details
- Contributes to the definition and timely achievement of overall project goals
- Identifies and solves technical challenges
- Identifies and implements improvements to work processes
- Independently designs, plans and executes project related tasks and experiments
- Designs and executes experiments to test hypothesis related to project outcomes
- Assures experimental quality through sound, independent, experimental design
- Applies advanced scientific knowledge to projects; determines priorities for experiments
- Participates in project planning, process updates and contributes to experimental design
- Prepares and delivers presentations of project results to others; presents data to larger and more diverse audiences

MINIMUM QUALIFICATIONS:

Formal Training/Education and Experience:

B.S in Scientific field (preferably immunology or a related field) with 3+ years experience

Knowledge, Skills, and Abilities:

- Demonstrates success in technical proficiency, scientific creativity, collaboration with others and independent thought.
- Expert knowledge and application of scientific principles and concepts.
- Applies advanced technical writing skills to produce reports and documents; writes independently; evaluates the writing of others.

TO APPLY:

Please email CV and cover letter to rick.shimkets@abeomecorp.com

