In Vivo Senior Research Associate – Preclinical Research & Cancer Biology

Overview:

The Senior Research Associate, In Vivo will lead Onchilles vivarium operations and conduct hands-on *in vivo* experiments in preclinical research and cancer biology. This is a key role at Onchilles, working on projects related to efficacy, pharmacodynamics, and pharmacokinetics with a wide variety of cellular biology, molecular biology, and biochemistry approaches. This position requires the ability to drive and complete scientific and technical tasks independently on aggressive timelines, to troubleshoot technical issues, and to work as part of a team on multiple projects with changing priorities. Attention to detail, solid oral and written communication, and strong computer and instrumentation skills are required. Exact title and responsibilities will be commensurate with experience.

Responsibilities:

- Plan and perform in vivo studies of mouse models
- Coordinate with scientific team to execute experiments through the execution of experimental designs with limited supervision.
- Mouse procedures (IV, IP, SC, IM and IT injections) and tumor implants.
- Plan and execute in vivo efficacy/PK studies using syngeneic mouse models.
- Draw appropriate conclusions effectively and communicate scientific data internally; ensure high-quality documentation for peer review, and clearly communicate data at scientific presentations in departmental meetings
- Conduct novel investigations into biochemical pathways as they apply to drug development
- Perform sample preparation and analysis with *ex vivo* tissues for assays (histology, protein, RNA, and DNA analysis)
- Contribute to the adaptation of existing assays and development of novel assays that comply with standards required of preclinical *in vivo* studies
- Proactively support lab function by ordering and maintaining reagents and supplies, troubleshoot technical problems and perform equipment maintenance
- Assist with operational management of the laboratory including procurement as well as interface with collaborators and external research teams
- Record and maintain accurate research documentation and perform initial analyses to identify non-conforming data points and/or interpret outcomes
- Prepare, process, and retain documentation required to maintain DEA-controlled substances license

- Assist in collecting and organizing study documentation from multiple researchers, such as notes, observations, and data, and enter them into a central database

Qualifications:

- Bachelor's degree in cellular biology, molecular biology, pharmaceutical sciences, life sciences, pharmacology or a related field preferred.
- 2+ years of relevant laboratory experience in an academic or industrial setting
- 2+ years relevant experience performing *in vivo* experiments following IACUC protocols, preferably in cancer, tumor models
- Proficient in standard in-vivo techniques (animal handling, blood collection, dosing, necropsy, tissue dissections)
- Experience and comfort working with BSL-2 agents using appropriate procedures
- Experience with aseptic/sterile technique, specifically for microbiology and mammalian cell culture is a plus
- Experience with working with immune cells is a plus
- Strong computer skills, including MS Word, Excel, PowerPoint, and data analysis software

Must Haves:

- Previous hands-on experience with Necropsy, Dosing, Injections and tumor implants
- Hands-on experience with different types of injections: IM, SC, IV, and IP
- Experience with dosing, blood draws, and tissue collection

Benefits & Additional information:

This is the opportunity to jump into a leadership role and be part of a winning team. We offer excellent starting salaries and are dedicated to building a team of smart, enthusiastic, creative and self-motivated people passionate about science and curing cancer in a start-up environment. We offer the benefits of large pharma companies. Our employees and their dependents are eligible for medical, dental, vision, life and LTD insurance with a 90% - 100% company contribution to all premiums. We provide a 4% automatic match to 401(k) retirement savings and a generous amount of time off through our vacation, paid holiday, sick and floating time off programs – starting at 40+ days of paid time off. Our employees also enjoy many other company perks, like free gym membership, monthly events, other supplemental benefits and cost-free work-life balance programs. We work at the state of the art, LEED-Gold Certified, GradLabs space with a brand-new laboratory, training rooms, and Cafe and lounge areas.

Reasonable accommodation may be made to enable qualified individuals with disabilities to perform the essential functions of our jobs. We are an equal opportunity employer, celebrate

diversity and are committed to creating an inclusive environment for our employees. We provide a work environment of mutual respect where equal employment opportunities are available to all applicants and teammates without regard to any characteristic protected by law. For additional information or to apply, please contact hr@onchillespharma.com