

Associate Scientist *in vivo* pharmacology

The Company

AI Proteins is a newly founded biotechnology company focused on the design and engineering of synthetic miniprotein therapeutics. We combine cutting-edge computational protein design with advanced laboratory robotics to accelerate the creation of life-changing medicines. Our common goal is to markedly improve human health and wellbeing. Our environment is rigorous and collaborative, bringing together passionate individuals who are making an impact. We inspire creativity by embracing an open culture that fosters innovation, initiative, teamwork and excellence.

Position Summary

The Associate Scientist will join the Pharmacology Group at AI Proteins. They will be responsible for organizing and performing *in vivo* experiments, and they will contribute to the development of AI Proteins' projects and programs. The successful candidate will have a strong expertise in mouse manipulation, especially for clinical observations, and includes all kinds of compound administration/injections, body weight measurement and performing necropsy. This position will be responsible for the establishment of subcutaneous and orthotopic tumor models, execution of miniprotein pharmacokinetic studies, and tumor challenge studies. We are looking for an individual with extensive hands-on cell biology/immunology experience who possesses strong problem-solving abilities and is excited to take on new challenges. If you are looking for a welcoming, dynamic start-up culture that values self-motivation and personal initiative, you will find that AI Proteins is a great fit!

Responsibilities

Areas of specific responsibility and attention will include the following:

- Responsible for the organization and scheduling of mouse *in vivo* experiments.
- Responsible for independently performing mouse manipulations, including but not limited to:
 - Tumor implantation
 - Mice randomization
 - Dosing via tail-vein intravenous, subcutaneous and intraperitoneal injections.
 - Blood draws
 - Monitor tumor progression by caliper measurement and/or IVIS imaging
 - Basic blood glucose measurements *via* tail draw
 - Perform necropsy to collect and process a variety of tissues, including tumor, spleen, blood, lung, liver
- Organize and maintain mouse colonies
- Write and amend IACUC documents
- Perform data analysis using software such as GraphPad Prism and Excel.
- Preparation of internal reports, presentations, protocols and technical documents.
- Contribution to building a positive, team-oriented biotech culture.

Professional Experience / Qualifications

- Bachelor or Master in biology or other related field
- 3+ full years of direct hands-on *in vivo* experience with rodents is required. We are seeking an individual who is highly proficient in handling mice, possesses a deep passion for working with rodents, and can consistently execute flawless intravenous injections. (Required)
- Extensive expertise with various dosing methods. (Required)
- Experience with subcutaneous and orthotopic *in vivo* models of cancer. (Required)
- Experience in surgery is a plus
- Hands-on in cell culture
- Ability to work independently and to design and perform experiments.
- Ability to multitask and coordinate work on several simultaneous projects.
- Driven, self-motivated personality.
- Strong organizational, communication, and interpersonal skills.

What we Offer

- We offer competitive salaries and a great 401k plan with matching on the first 5% of your salary. With our stock options, you can own part of the company and get rewarded when the team succeeds
- The opportunity to be part of the team that brings a groundbreaking new modality of protein-based medicine to the world
- We have unlimited vacation so you can take the time off you need to rejuvenate and come up with the next amazing science idea
- We provide an unlimited amount of very fancy coffee. Stay active but do not die.
- Keep your glucose level steady with our snack bar, and choose from our unparalleled collection of salsas and hot sauces 🌶️
- We are located in the heart of Fenway, surrounded by many great restaurants and entertainment opportunities.
- Our lab is located a short walk away from the Longwood medical area housing the Harvard Medical School, Boston Children's Hospital and Dana Farber Institute enabling easy communication with other scientists.

Send your CV to: careers@aiproteins.bio

AI Proteins, Inc. is an equal opportunity employer and will not discriminate against any employee or applicant on the basis of age, color, disability, gender, national origin, race, religion, sexual orientation, veteran status or any classification protected by federal, state or local law.