Position:
Research Scientist

Summary:

Cerberus Therapeutics uses an alpaca-derived single domain antibody fragment (VHH)-based platform to create novel therapeutics for immune modulation. Pilot programs are focused on autoimmunity. Each program features novel biological discoveries originating from decades of work by our co-founders, Dr. Novalia Pishesha, Prof. Hidde Ploegh, and Prof. Harvey Lodish.

Location:
Cambridge, MA

Description:
Hired candidate will have the opportunity to positively impact patients with currently incurable autoimmune diseases while working closely with our world-class scientific team. Since we are an early-stage startup, all employees will be an integral part of growing the company and formulating Cerberus' culture and vision.

This Research Scientist will be responsible for establishing and executing protocols in immunology, performing *in vitro*, *ex vivo*, and *in vivo* assays with the goal of investigating the efficacy of Cerberus' novel therapeutic leads as treatment for autoimmune diseases.

Key responsibilities:
• Design, execute, and troubleshoot immune cell assays in primary cells and cell lines to characterize the efficacy of Cerberus' novel therapeutic leads
• Characterize the cellular activity and downstream immune signaling pathways to further prioritize candidates for *in vivo* studies
• Design, execute and troubleshoot clinical and immunological phenotypes in mouse models and complete relevant data analysis
• Demonstrate a mastery of relevant scientific literature and advances in the areas of cellular immunology and immune-mediated disease indications of interest to Cerberus.
• Conduct literature searches and communicate understanding in internal forums as well as with external collaborators and partners

Minimum qualifications:
• A Ph.D. in Biological Engineering, Immunology, Microbiology, Molecular/Cellular Biology, Biochemistry, or a related discipline with a track record of relevant scientific publications in peer-reviewed journals.
• Applicants must possess a strong background in translational research experience related to immunology and/or molecular/cellular biology
• Extensive hands-on experience with a variety of molecular, cellular, and biochemical approaches such as flow cytometry, confocal microscopy, transcriptomic analyses, and *in vitro* functional assays

- Familiarity with primary immune cell culture and mouse handling experience is preferred
- Ability to work independently as well as collaborate with colleagues and effectively prioritize and manage multiple tasks in a fluid, fast-paced work environment.
- Ability to master new concepts and technologies quickly and run experiments independently
- Scientifically rigorous, highly organized, with excellent oral and written communication skills

How to apply:
Interested candidates should send their CV and cover letter to careers@cerberustx.com. We are an equal employment opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, national origin, disability status, protected veteran status or any other characteristic protected by law.