



Senior Research Associate III/IV

Sensei Biotherapeutics is seeking a highly motivated and creative *Sr. Research Associate III/IV* to develop and evaluate novel immunotherapies. The candidate will report to the Vice President of Biologics Discovery and will work closely with other members of the discovery research team providing scientific and technical expertise. Sensei Biotherapeutics is building a culture of scientists who are able to work effectively as an individual and member of a research team, is capable of multi-tasking, has a 'do what-ever it takes' attitude, and thrives in the fast-pace environment of biotechnology research.

Specifically, the Senior Research Associate will identify, create and characterize molecules that enhance dendritic cell activation/maturation and antigen presentation using a wide range of molecular, cellular, and biochemical approaches.

Responsibilities:

- Isolate and cultivate human primary cells from whole blood and tissue samples (e.g. PBMCs, monocytes, dendritic cells).
- Execution of cell-based functional and biochemical assays to select candidate molecules for pre-clinical development focusing on enhancing dendritic cell activation/maturation using immune monitoring assays, such as, flow cytometry and ELISA assays.
- Develop new functional cellular assays by creating reagents and reporter cell lines via molecular and cellular cloning.
- Perform *ex vivo* histoculture experiments, as needed.
- Analyze, document, organize, and present results in small and large group meetings.
- Read relevant scientific literature to aid in experimental design.
- Contribute to a dynamic workplace culture that embraces teamwork and innovation.

Skills & Abilities:

- Demonstrated proficiency with functional assessment of immune cell populations, including, multi-parameter flow cytometry, cytokine bead arrays, and ELISA-based immunoassays.
- Technical expertise in cell culture with experience isolating, manipulating and analyzing rodent and human primary immune cell populations from whole blood and tissues.
- Proficiency in FlowJo and statistical software applications (e.g. GraphPad Prism) and Microsoft Office Suite.
- Excellent organization and planning skills, the ability to work in a fast-paced environment independently or as part of a team, good verbal and written communication, and strong motivation with a dedicated work ethic.
- Perform other related duties as needed.

Qualifications:

- Education: BS or MS in Immunology, Molecular and Cellular Biology, or related field.
- Six to eight years of experience in Biotech or industry and/or an academic research lab setting with a proven track record of success (i.e. peer-reviewed publications, oral or poster presentations).
- Extensive experience with immune cell-based functional assays (e.g. activation, differentiation, proliferation, and suppression assays) using T-cells, NK, monocyte/ macrophages, or dendritic cells.

- Proficiency in primary human and mouse isolation and cell culture techniques, and single cell dissociation techniques are highly desirable.
- Experience with multiparameter flow cytometry.
- Hands-on experience in protein production and purification and/or eukaryotic display platforms is highly desirable.
- Strong candidates will be creative, collaborative, and passionate about drug discovery.

Working conditions & Physical Demands:

This is a research position that requires working in a laboratory environment with hazardous chemicals. Protective clothing, gloves and safety glasses are required while working in the lab. This position requires the ability to lift containers or instruments (up to 25 pounds), and work sitting at a BSC or lab bench for extended periods.

Travel Requirements:

Occasional travel to conferences or meetings is required.

Company Overview:

Sensei Biotherapeutics is developing an innovative pipeline of first-in-class immune activating agents for a broad array of cancers including solid tumors and hematological malignancies. Our therapies benefit from a precision medicine approach that has the potential to identify patients that will benefit most from our therapies.

Sensei has developed a unique phage-based platform, *ImmunoPhage*[™], that enables the generation of immune activating agents that fully engage activation of both the innate and adaptive immune systems. Our lead program, SNS-301, targets Aspartyl beta Hydroxylase (ASPH), has shown excellent safety and clinical benefit in a Phase 1 trial and is currently in Phase 2 at multiple clinical sites across the USA.

Located in Maryland, we have state-of-the-art laboratories for discovery, development, and manufacturing of therapeutic products, as well as clinical testing.

For immediate consideration, please submit your resume, cover letter, and salary requirements to Jody Friend, at jfriend@senseibio.com.

Equal Opportunity Employer