



Scientist, In Vivo Immunology

Company Background

Catamaran Bio is developing novel, off-the-shelf CAR-NK cell therapies designed to treat a broad range of cancers, including solid tumors. Our proprietary capabilities enable us to harness the natural cancer-fighting properties of NK cells and enhance and tailor their effectiveness with the power of synthetic biology and innovative non-viral cell engineering. We are using our TAILWIND™ Platform, an integrated suite of technologies, to specifically address the end-to-end methods of engineering, processing, and manufacturing NK cells and rapidly advance our pipeline of CAR-NK cell therapy programs. Catamaran is backed by leading financial and corporate investors, including SV Health Investors, Sofinnova Partners, Lightstone Ventures, Takeda Ventures and Astellas Venture Management.

Job Summary

We seek a highly motivated and creative immunologist with in vivo expertise. The candidate will investigate our Synthetic Immunology team's concepts for enhancing Natural Killer cells to develop novel therapies for treating solid tumors. They will establish mouse models of tumor immunosuppression, deliver and recover engineered human NK cells, and analyze and interpret NK cell performance against these suppressive challenges. They will initiate and drive early preclinical projects and strengthen our innovative problem-solving research culture.

Job Responsibilities

- Devise model systems that challenge human immune cells with mechanisms of tumor immunosuppression in mice
- Engineer primary immune cells and test their functions in vitro, in vivo, and ex vivo
- Isolate immune cells from tumor xenografts and mouse tissues
- Hypothesize, test, and interpret connections between NK cell engineering, phenotype, function, and stimulation in tumor microenvironments
- Design experiments, develop assays, perform excellent laboratory bench work, troubleshoot techniques, analyze data, keep clear records, and communicate findings
- Collaborate effectively within and across research teams
- Support patent and IND filings with data and scientific expertise
- Mentor junior colleagues and teach teammates
- Actively contribute to our open, supportive, and ambitious biotech culture

Education, Experience and Qualifications

- PhD in immunology or MS and 4+ years immunology-focused research experience
- Expert hands-on laboratory skills with in/ex vivo immunology studies, including mouse handling and treatment, tissue processing, primary cell isolation, flow cytometry-based



analyses of immune cell phenotypes, and functional assessments of cellular health, cytotoxicity, cytokine production, and proliferation

- Subject matter expertise in NK cell biology, tumor immunology, and inflammation are preferred
- Ability to work both independently and cooperatively in cross-functional teams
- Pro-active learner who is flexible, resilient, and will thrive in an interactive and dynamic environment
- Strong planning, record-keeping, and communication skills
- Reliable, committed to scientific excellence, and motivated to achieve team success

Please contact us at opportunities@catamaranbio.com or visit us at www.catamaranbio.com.

Catamaran Bio is proud to be an equal opportunity workplace and is an affirmative action employer. We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity or Veteran status.



Senior Scientist, Immunology

Company Background

Catamaran Bio is developing novel, off-the-shelf CAR-NK cell therapies designed to treat a broad range of cancers, including solid tumors. Our proprietary capabilities enable us to harness the natural cancer-fighting properties of NK cells and enhance and tailor their effectiveness with the power of synthetic biology and innovative non-viral cell engineering. We are using our TAILWIND™ Platform, an integrated suite of technologies, to specifically address the end-to-end methods of engineering, processing, and manufacturing NK cells and rapidly advance our pipeline of CAR-NK cell therapy programs. Catamaran is backed by leading financial and corporate investors, including SV Health Investors, Sofinnova Partners, Lightstone Ventures, Takeda Ventures and Astellas Venture Management.

Job Summary

We seek a highly motivated and creative scientist with expertise applicable to cancer immunology and cell therapy. The candidate will drive key preclinical research on overcoming challenges of the tumor microenvironment by applying synthetic biology to enhance immune cell function and resistance to immunosuppression. They will contribute to build a platform discovery system, improve the design of cellular therapies, and strengthen our innovative problem-solving research culture.

Job Responsibilities

- Engineer primary immune cells and test their functions in vitro and ex vivo
- Create elements of our TAILWIND™ Platform using synthetic biology and immunology that invent and improve enhancements of anti-tumor activity
- Conceptualize and lead research projects that progress to become pipeline programs
- Design experiments, develop assays, perform excellent laboratory bench work, troubleshoot techniques, analyze data, keep clear records, and communicate findings
- Engage across teams and collaborate effectively with internal and external partners
- Support patent and IND filings with data and scientific expertise
- Mentor junior colleagues and teach teammates
- Actively contribute to our open, supportive, and ambitious biotech culture

Education, Experience and Qualifications

- PhD in immunology, cell biology, or related field and post-doctoral or industry experience, or MS and 6+ years immunology-focused research experience
- Creativity and intellectual rigor with experience in driving research projects
- Well-developed conceptual and hands-on expertise with in vitro/ex vivo immunology studies, including primary cell isolation and culture, cell phenotype analysis by flow



cytometry, activation and in vitro immune cell differentiation, and functional assessments of cellular health, cytotoxicity, cytokine production, and proliferation

- Subject matter expertise in NK cell biology, tumor immunology, and human cell engineering are preferred
- Ability to work both independently and cooperatively in cross-functional teams
- Pro-active learner who is flexible, resilient, and will thrive in an interactive and dynamic environment
- Strong planning, record-keeping, and communication skills
- Reliable, committed to scientific excellence, and motivated to achieve team success

Please contact us at opportunities@catamaranbio.com or visit us at www.catamaranbio.com.

Catamaran Bio is proud to be an equal opportunity workplace and is an affirmative action employer. We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity or Veteran status.