

Research Associate, Genomics

Reports to: Director, Translational Sciences
Location: Houston, TX (610 South Loop @ 288)
Inquiries and Resumes should be sent to: careers@alaunos.com

Summary

Alaunos is a clinical stage cellular immuno-oncology company dedicated to the treatment of solid tumors through adoptive TCR-T cell therapy. The Translational Science team is focused on the development of neoantigen-targeted TCR-T cells and next-generation TCR-T cell technologies to enable effective treatment of solid tumors.

The Associate performs next generation sequencing and other molecular biology laboratory work as part of the Genomics groups within the Translational Sciences Team. Plays a key role in the execution of the next generation sequencing workflow, including DNA and RNA isolation, nucleic acid QC, library construction, and next generation sequencing in addition to other standard molecular biology techniques, as needed. Handles patient and research samples and is meticulous with documentation. Works closely with senior team members to deliver accurate and timely results.

Essential Functions and Duties

- Perform lab techniques supporting next generation sequencing workflows including nucleic acid extractions, library preparations, next generation sequencing, and nucleic acid QC
- Perform basic monitoring and maintenance procedures for lab equipment
- Interface with senior team members requiring services of the Genomics group
- With team, assist in writing SOPs and Work Instructions
- Assists in maintaining Genomics lab reagents and supplies stocked by identifying ordering needs

Qualifications

Education and Experience

- Bachelors or Associates degree in biochemistry, molecular biology, genetics or a closely related field
- 1-2 years of experience with next generation sequencing workflows
- Current MB(ASCP) certification is a plus

Knowledge, Skills and Abilities

- Ability to work well in a dynamic environment
- Attentive listener and able to effectively follow verbal and written instructions
- Well organized with solid written and verbal communication skills
- Proficient with common Windows-based programs such as the Microsoft Office Suite
- Comfortable with learning and adopting new software such as an electronic lab notebook, a laboratory management system, or genomic data analysis software
- Experience with nucleic acid QC such as Qubit and TapeStation preferred
- Experience with exome, RNAseq, or other capture library preparations is preferred
- Experience with 10x single cell RNAseq is a plus

Working Conditions

- Lab based

About Alaunos

Alaunos is a clinical-stage oncology-focused cell therapy company, focused on developing T-cell receptor (TCR) therapies based on its proprietary, non-viral Sleeping Beauty gene transfer technology and its TCR library targeting shared tumor-specific hotspot mutations in key oncogenic genes including KRAS, TP53 and EGFR. The Company has clinical and strategic collaborations with The University of Texas MD Anderson Cancer Center and the National Cancer Institute. For more information, please visit www.alaunos.com

Alaunos is an equal opportunity employer. As an equal opportunity employer, we are committed to a diverse workforce. Employment decisions regarding recruitment and selection will be made without discrimination based on race, color, religion, national origin, gender, age, sexual orientation, physical or mental disability, veteran status or other non-job related characteristics or other prohibited grounds specified in applicable federal, state and local laws.