

Position: Senior Scientist – Allogeneic CAR T cells

Location: South San Francisco, CA

Job Description

Allogene Therapeutics is seeking a highly motivated Senior Scientist to conduct preclinical studies to evaluate and improve the efficacy of allogeneic CAR T cell therapies. The candidate will provide scientific and technical expertise to study CAR T cells in the allogeneic environment and investigate modifications that enhance their persistence and activity. The ideal candidate is an individual who is excited to take on new challenges in a dynamic start-up environment.

Responsibilities

- Design and execute in vitro and in vivo studies to understand allogeneic CAR T cell activity, GvHD and rejection.
- Investigate genetic modifications that may sustain the in vivo persistence of CAR T cells in the allogeneic environment.
- Contribute to a collaborative group effort to advance allogeneic CAR T cell therapies into solid tumors.
- Collaborate with the CAR T cell process development group to inform future manufacturing process improvements for allogeneic CAR T cells.
- Stay abreast of latest scientific and technology advancements in the field.
- Train and mentor other scientists and perform other duties as assigned.
- Present at group meetings and project team meetings.

Requirements

- PhD or equivalent with 1-3 years of post-doctoral training in immunology with relevant experience in GvHD and allogeneic rejection preferred.
- Knowledge of cellular and molecular immunology.
- Ability to design and execute studies to evaluate CAR T cell activity in vitro and in vivo, including syngeneic models.
- Hands-on experience in retroviral/lentiviral transduction of mouse and human T cells preferred.
- Knowledge and experience in gene editing technologies including CRISPR/Cas9.
- Experience in immune cell isolation and characterization using flow cytometry.
- Pro-active attitude and strong desire to be part of a team working together to overcome obstacles.
- Strong oral presentation and communication skills.
- Candidates must be authorized to work in the U.S.