**Job Title:** Laboratory Research Technician (full-time, 2-year salaried position)

**Principal Investigator:** Jalal Ahmed Khan MD/PhD (@Jalal_Ahmed, SEAS '06)

**Location:** Precision Immunology Institute at Mount Sinai (PrIISM), Hess Center in Manhattan at 102nd and Madison Avenue.

**Laboratory Aim:** We study the immunology of engineered T cells infused into patients with cancer. Our goal is to advance cellular therapy for solid tumors.

**Detailed description:** Our new lab is looking for energetic and highly motivated students to learn advanced topics in oncology and immunotherapy, and become proficient in state-of-the-art techniques in applied immunology and cellular engineering (namely, Chimeric Antigen Receptor (CAR) T cell therapy, CRISPR/Cas9-based functional screens, mouse models, genetics, in vivo tracking of cells using bioluminescence, and cytometry). The ideal candidate will actively seek to understand the science behind the experiments.

**Why should you join a new lab?** Students will be mentored directly by the PI and have the opportunity to take ownership of their work to present at meetings and conferences.

**Preferred Qualifications:**
- Able to work independently and as a team member, learn complex tasks with general instruction
- Bachelor's degree in life sciences, with courses in molecular and cell biology
- 1+ years experience in a life sciences laboratory

Any questions can be directed to the PI at jalal.ahmed@mountsinai.org. Interested applicants can send a CV/resume detailing prior education and lab research experience.

**Department Description:** The Precision Immunology Institute at Mount Sinai (PrIISM) and the Tisch Cancer Institute (an NCI-designated Cancer center) initiated the Cancer Immunology Program at Mount Sinai to advance biomedical research and science education towards the betterment of patients afflicted with cancer. We empower exceptional scientists and students to use state-of-the-art technologies to pursue fundamental questions in emerging areas of cancer immunotherapy and anti-tumor immunity.

PrIISM and the TCI are closely associated with the Icahn School of Medicine and Hospital network that serves patients in New York City and the Tristate area. To learn more, visit: https://icahn.mssm.edu/research/immunology/research/cancer-immunology and https://careers.mountsinai.org/explore-mount-sinai.

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