Position Summary

The Columbia Center for Translational Immunology (CCTI) is looking for a talented and highly motivated individual to work in the exciting field of bone marrow transplantation, CAR-T cell therapy and cancer immunotherapy. The Technician will support research in translational immunology under the direct supervision of the Principal Investigator. Primary duties include: assisting in the continuous and smooth operation of the laboratory, conducting biological assays to monitor immune responses in patients undergoing transplantation or CAR-T cell therapies and assisting in mouse bone marrow transplant studies. The technician will learn and implement a variety of techniques including flow cytometry, cell culture, single-cell sequencing and immunohistochemistry. Additional related duties include ordering reagents and equipment and maintaining inventory, processing of clinical samples from patients on clinical trials, immunologic assay development, as well as assist with preparation and analysis of data. A qualified individual will have the opportunity to pursue an independent research project and interact with renowned scientists and physicians across multiple departments at CUIMC spanning research in cancers, cancer therapy, immunology, transplantation, infectious diseases, and others.

Responsibilities

- Assist with and manage experiments in cell culture and animal models under supervision
- Maintain a detailed, up-to-date, and accurate record of samples, reagents, and instrument tuning and QC.
- Maintain and organize inventory.
- Place orders. Prepare service bills.
- Perform routine data processing.
- Assist with data analysis.
- Assist in the development of new assays, methods, and reagents.
- Contribute to building a culture that embraces scientific excellence, integrity, efficiency, teamwork, and continuous learning and improvement.

Minimum Qualifications

- Two years of college or a completed A.A. program with an emphasis in chemistry, biology or physics
- One year of related experience, or equivalent in education, training and experience
- A minimum of a 2-year commitment.
- Must be detail oriented;
- possess excellent interpersonal, organizational and communication skills.
- Must be able to multi-task,
Preferred Qualifications

- work independently as well as part of a team, and work well under pressure.
- must be self-motivated.
- Proficiency with Microsoft Word, Excel, PowerPoint and data management files required.
- Previous experience in lab research is preferred with 1 to 2 years of experience with immunologic assays, cell culture and flow cytometry.
- Previous experience in mouse models is preferred.

Application

Please send your CV, cover letter and contact information for 1-3 referees to: Ran.reshef@columbia.edu
Or apply through this link: http://opportunities.columbia.edu/cw/en-us/job/515004?lApplicationSubSourceID=