Research Technician in Mass General Hospital, Boston

Description
A position is open for a full time Research Technician at the MGH Cancer Center in the Immune Monitoring Laboratory. We are looking for a highly motivated individual to support the development of this service-orientated, clinically focused research laboratory.

The mission of the laboratory is to provide comprehensive high quality immune monitoring that is innovative and enables translational research of immune-based therapies. This position is ideal for driven candidates who are interested in being a trusted member of a scientific team working on the cutting edge of immune monitoring in immunotherapy clinical trials. This is a unique opportunity for scientific growth and interaction in a highly collaborative and dynamic environment.

Responsibilities
The candidate is expected to independently carry out the daily activities of the laboratory with minimal supervision. Staff must work to GCLP standards.

Duties include but are not restricted to:
• Process and bank blood from patients undergoing immune-based therapy.
• Maintain accurate sample storage and record keeping.
• Perform multi-color flow cytometry and basic data analysis.
• Quantification of cytokine and soluble receptors in plasma using Luminex and ELISA.
• Extraction of DNA and RNA from patient samples.
• Perform ddPCR for monitoring CAR-T expansion.
• Perform Nanostring bulk RNA analysis and first line data QC
• Train new lab members in the various techniques.
• Perform preventative maintenance and calibration of equipment.
• Document any technical issues and the corrective action required.
• Inventory and reagent ordering.
• Contribute to assay development, quality control processes, and technical validation.

Qualifications
Bachelor of Science degree in a relevant subject is required.
While experience in a clinical or research laboratory is desirable, we are willing to train the right candidate.
Experience with flow cytometry and molecular techniques is desirable.
Must be conscientious and organized, capable of juggling multiple tasks and competing priorities.
Meticulous attention to detail is essential.
Interested in learning new skills and comfortable working without supervision after suitable training.
Excellent interpersonal and communication skills are required to work as part of the team.
Experience in problem solving within the laboratory setting.

Primary Location
MA-Charlestown- 149 13th Street – Mass General Hospital, Boston USA

Please contact Dr. Kathleen Gallagher for more information on the role
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