



Member of Hackensack Meridian Health

Clinical Immunology Core

For more information contact

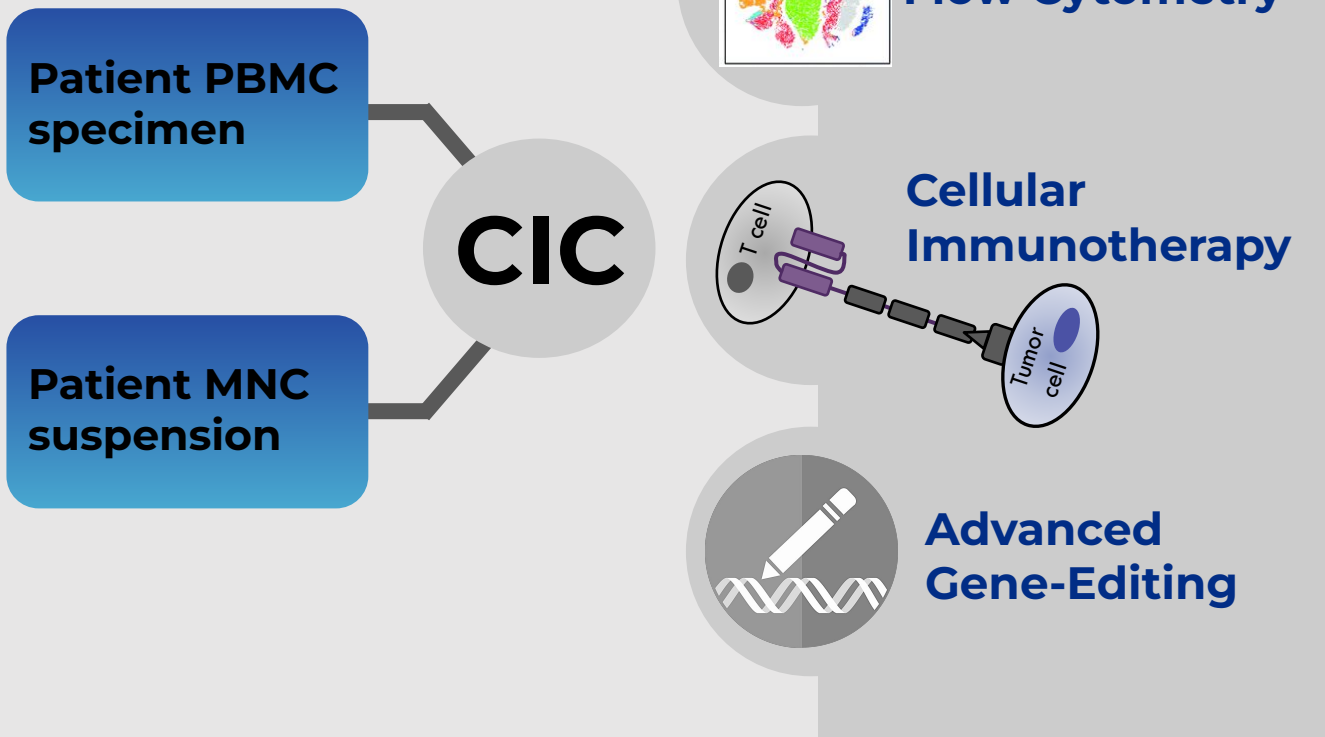
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From Samples to Data



Technical Services offered

- Guidance in experimental methodologies and design
- Assistance for grant proposals and scientific manuscripts
- Assay development to fit users' research-specific needs
- Instrumentation and analysis software training
- CIC sample preparation: Cell stimulation and staining services could be performed by request.
- Clinical immunology related gene editing and CAR T/NK cell production

Cytometry Equipment Available

- BD LSRFortessa flow cytometer analyzer configured for four LASER (405nm, 488nm, 561nm, 640 nm), 16 color analysis (BD LSRFortessa specifications)
- BD FACSymphony A3 flow cytometer analyzer configured for five LASER (355nm, 405nm, 488nm, 561nm, 637nm), 28 color analysis (BD FACSymphony A3 specifications)
- TECAN microplate reader
- CTL ImmunoSpot Analyzer

Operational Workflow

To ensure efficiency and optimal results, resource members interact closely with investigators. In order to utilize the Shared Resource, users will follow the basic operational workflow:

- An investigator directs an initial inquiry to the CIC manager and completes the CIC Service Request Form.
- An initial meeting is held during which the feasibility of the project and the overall research plan including data analysis are discussed. The investigator is also notified for the service charges.
- Once deemed feasible, all pertinent information including laboratory personnel dedicated for the project and grant/funding account will be provided by the user through the CIC Sample Submission Form.
- After generating the data, raw data and/or analyzed data reports will be shared with users.

Service Requests and Fees

Contact CIC for service request forms:

Qingrong Huang (qingrong.huang@hmh-cdi.org)

Scheduling and billing

- Please complete service request form(s). You will be contacted by the CIC regarding cost and timeline estimates.
- It is necessary to schedule experiments in advance to obtain a specific day and time.