

CFAR Immunology Core Activities

Access to Shared Equipment:

- 2 LSR-IIs
- 4 FACS Caliburs
- Elispot and ELISA plate washer
- Elispot plate reader
- FACS Aria Cell Sorter
- Flow Cytometry analysis computer stations
- Guava Via Count Cell Counting/ Viability Machine
- Networked MacOS file server for data Storage.

Consultation:

- Assay development
- Data analysis and interpretation

Materials:

- Cryopreserved PBMC from naïve monkeys from the Yerkes National Primate Research Center
- Access to FlowJo site license
- Immunological reagents through hybridoma culture

Performed Services:

- 6 and 9- color panel- phenotyping and cytokine
- 8- color panel- phenotyping, cytokines, Elispot
- 9- color panel- phenotyping, cytokines, CTL
- 4- color panel- phenotyping and PBMC processing
- Elispot and ICC
- Tetramer titration

Training:

- Basic methods in immunophenotyping by Flow Cytometry
- CFSE-lympho-proliferation assays
- CTL
- Data acquisition and analysis
- Data analysis software, data interpretation and Presentation
- ELISA
- Elispot assays
- Instrument training
- Intracellular cytokine assays
- Organized Intracellular Cytokine Staining (ICS) workshop

Don't Forget To Acknowledge the CFAR In Any Publication Describing CFAR-assisted Work

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