

Pulmonary, Allergy, and Critical Care Medicine Flow Cytometry Facility Usage Policies

Welcome to the [Flow Cytometry/Cell Sorting Laboratory](#). The facility was established with the specific goal of providing the large community of investigators at University of Colorado with access to cell analysis technology. The flow cytometry facility provides instrumentation, personnel, and expertise to assist users in multiparametric flow cytometry and fluorescence-activated cell sorting (FACS). The Flow Cytometry Facility is certified by the College of American Pathologist (CAP). The following is a list of facility usage policies.

- Prior to use of the facility: each investigator is required to fill out the information at the bottom of this page, return the completed form to Dillon Flebbe or Dr. Brent Palmer, and be trained by Dillon Flebbe before using any instrument.
- Established and new users of the flow cytometry and cell sorting facility may sign up using our real time scheduler by contacting Dillon Flebbe at, dillon.flebbe@cuanschutz.edu for access.
- Billing is calculated by the time used. If you are unable to use your requested time, please inform the core facility personnel that you wish to cancel your time or use the online scheduler to do so. **If you fail to cancel your time within 24hrs, you will be billed for 40% of the time requested.**
- Instruments: Flow Analysis: FACSCelesta Three lasers
LSRII Four-lasers
LSRFortessa Four-lasers
Cell Sorting: FACS Aria Fusion Four lasers
- **The policy of the flow facility is to run only fixed samples (non viable cells, bacteria, fungi, or viruses) on the FACSCanto II, Celesta, LSR II and Fortessa. Please contact Brent Palmer, Ph.D. at (303) 724-7203 in the event that you need to run unfixed cells. BSL3 infected cells cannot be run on the FACSARIA instruments.**
- After hours use of the flow facility is permitted with prior approval from flow facility personnel. Users will need to be trained for proper start up and shut down of the flow cytometers. Please email Sandra Fradenburg at SANDRA.FRADENBURG@CUANSCHUTZ.EDU to get access to the 10th and/or 11th floor after hours or on weekends.
- At the end of each run the user agrees to clean the cytometers, empty waste tank, and refill sheath tank according to posted instructions. The last user of the day will turn off the cytometer and shut down the computer. Failure to follow these practices could result in the loss of flow cytometry privileges.
- Users agree to immediately notify Flow Cytometry Laboratory personnel, numbers are posted in the rooms, if there are any problems with the flow cytometers, computers, or printer.
- The flow core can provide access to a network drive to transfer your data, **use of a USB drive is PROHIBITED**, as these devices could harm the computer. The flow cytometry facility does not maintain long-term data storage. **Flow cytometry data is purged on a MONTHLY basis.** To obtain access to the "Flowshared" network drive fill out the access form found under Forms, Policies and Procedures on ACI flow core website (<https://medschool.cuanschutz.edu/clinical-immunology/flow-core>)

Instrument: Celesta LSRII Fortessa Aria-Fusion

Name: _____ Date: _____

Email Address: _____

Institution: _____

Phone number: _____

PI name: _____

Speed type#: _____

User name: _____

Signature: _____