Flow Cytometry Facility (FACS)

NOTE : * Marked fields are mandatory

Logout

Enter mobile no.

Enter extension no. *

Enter lab name *

Select Guide / PI EmpCode — Select

Sample Information

Experiment name * — Select

Experiment Type * — Acquisition/Sample analysis | Sorting with acquisition | Data analysis (using FlowJo software)

Number of tubes to be analyzed *

Data from number of channels/filters to be analyzed *

Preferred date for the slot

Additional information : (Constraints/Preferences/ etc.)

Tubes required from FACS facility : Yes | No

I understand that for any experiment, if more than one filter is selected, compensation control for every fluorochrome will be needed for sample analysis along with the unstained control. The samples will be analyzed according to the choices recorded in the form.

Important information :

- 'Acquisition' refers to analyzing samples on Flow Cytometer and 'Sorting with acquisition' refers to analyzing and separately collecting desired population.
- Minimum volume of sample required for acquisition is 500ul and the concentration of cells/particles required is $1x10^6$ cells or particles per ml.
- Every sample for analysis should be accompanied with an Unstained control
- Gating of population is experiment design specific and should be suggested by the user.
- Gating can also be done offline by the user.
- The samples will be analyzed on the channels using the lasers chosen by the user in the form. The user is therefore requested to pay utmost attention while selecting the lasers & channels.
- Instrument is equipped to normally handle cells/particles in the size range 0.2 to 25 microns. While instrument cannot "strictly" handle cells/particles above 25 microns, it may be possible to analyze samples of size less than 0.2 microns. Such samples, that is, those containing particles less than 0.2 microns will be handled on a case-by-case basis and user requesting analyzes of such samples must discuss with the operator at **facs@iitb.ac.in** prior to submitting a request.
- Click here for Instructions for sample preparation/submission
- Click here for Instructions for Users
- UV laser of FACS1 is non functional. However, for it is working for FACS2.
- Mixed samples (e.g. blood samples or co culture samples) cannot be resolved efficiently on the basis of side scatter properties on FACS1. However, it can be resolved efficiently on FACS2.

I have read above mentioned Important information

Submit