Computer Administrator password: BDIS
Calendar Website: http://bidflow.calendarhost.com/cgi-bin/calweb/calweb.cgi

LSRII START UP

1. Turn on Cytometer
2. Check sheath & waste tanks
3. Prime if necessary
4. Log into DIVA
5. Verify CST

EXPERIMENT SET UP

1. Open Up Experiment/ New Experiment
2. Check Parameters under Cytometer Settings
    a. Inspector tab/ Cytometer settings to delete excess parameters/ Add necessary parameters
    b. Check boxes for height and width if wanting to do doublet discrimination
3. Add Specimen (will open up tubes)
4. Begin to draw plots & gates on global worksheet
    a. FCS vs SSC & fluorescence parameters
    b. Set up any doublet discrimination plots as well
5. Use Acquisition Dashboard to stop/ start Sample
    a. Select number of events displayed & number events recorded
    b. Standby ↠ Run (low, medium, high)
6. Change/ adjust voltages of sample using controls
    a. Bring population into view on FSC SSC
    b. Adjust fluorescence voltages
7. Once voltages are set ↠ Record
8. Add new tubes and run experiment

AUTOMATIC COMPENSATION

1. Experiment ↠ Compensation Set Up ↠ Create Compensation Controls
    a. Software will open up new worksheet with compensation controls
2. Run unstained control
    a. Adjust FSC & SSC voltages
    b. Adjust fluorescence voltages
3. Run single stained controls for each fluorescence parameter
4. Experiment ↠ Compensation Set Up ↠ Calculate Compensation
5. Link & Save to Experiment
6. Switch from Normal work sheet to Global Worksheet
7. Begin to draw plots & gates on global worksheet

Exporting FCS files/ closing up

1. Highlight Experiment
2. Export FCS files
3. Save to drive
4. Run Cleaning procedure/ Log Out

Using An Old Template

1. Open Up Experiment ↠ Highlight Experiment ↠ Duplicate without Data

How to check Instrument Configurations

1. Cytometer ↠ CST ↠ View Configurations

How to check CST Bead lot

1. Cytometer ↠ CST ↠ Check that the bead lot number accurately matches
2. First time using account must add CST settings