

FACSCelesta 2 B-V-YG

STARTUP:

1. Turn on the BD FACSFlow Supply System



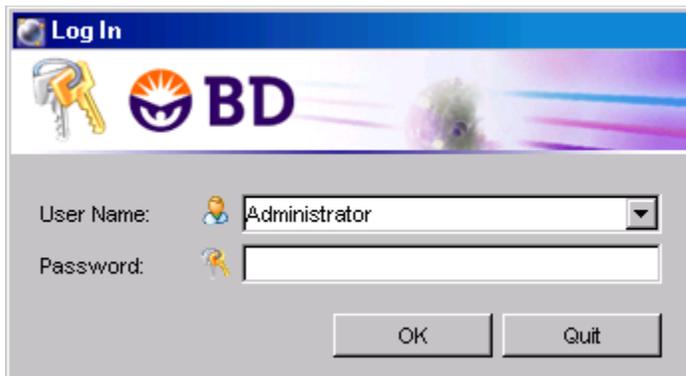
2. Turn on the FACS, click the green button



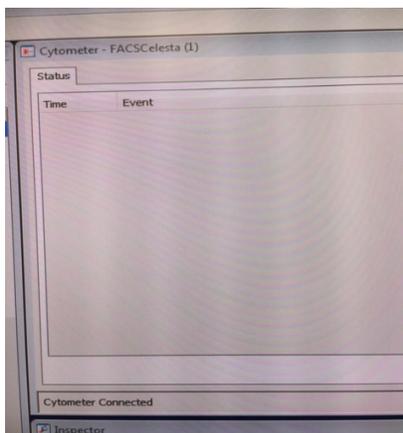
3. And then the computer and log in Admin and insert the password



4. Double-click the shortcut icon **BD FACSDiva Software** and put user name and password



5. Check that the workstation has successfully connected to the cytometer, check that the cytometer window **Status** displays the message **Cytometer Connected**



6. Do not use the instrument before 30 minutes and in the meantime remove the bubbles from the filters and run for 5min PBS



SHUTDOWN:

1. Load a tube containing H₂O and make **PRIME** twice and throw away the tube
2. Load a tube a tube containing 4 ml of FACSClean solution and let it run for 5 min in High Flow Rate
3. Load a tube a tube containing 4 ml of FACSRinse solution and let it run for 5 min in High Flow Rate
4. Load a tube a tube containing 4 ml of H₂O and let it run for 5 min in High Flow Rate
5. Load a tube a tube containing 4 ml of FACSClean and open the tube support bracket and aspirate for 1min
6. Load a tube a tube containing 4 ml of H₂O and open the tube support bracket and aspirate for 2min
7. Leave a tube containg H₂O and set the FACS to **STANDBY**
8. Change the BDFacsFlow tank and Waste tank only if the FACSFlow Supply System goes into Alarm
9. Disconnet the cytometry **Cytometry> Standby**
10. Tranfer your data to server
11. Turn off the programm
12. Check if someone is booked. If there is a gap to 2hrs or more between you and the next user switch off the Cytometry otherwise laeve the Cytometry on in **STANDBY**
13. Turn off the Cytometry:
 - a. Turn off the program
 - b. Turn off the FACS, click the green botton

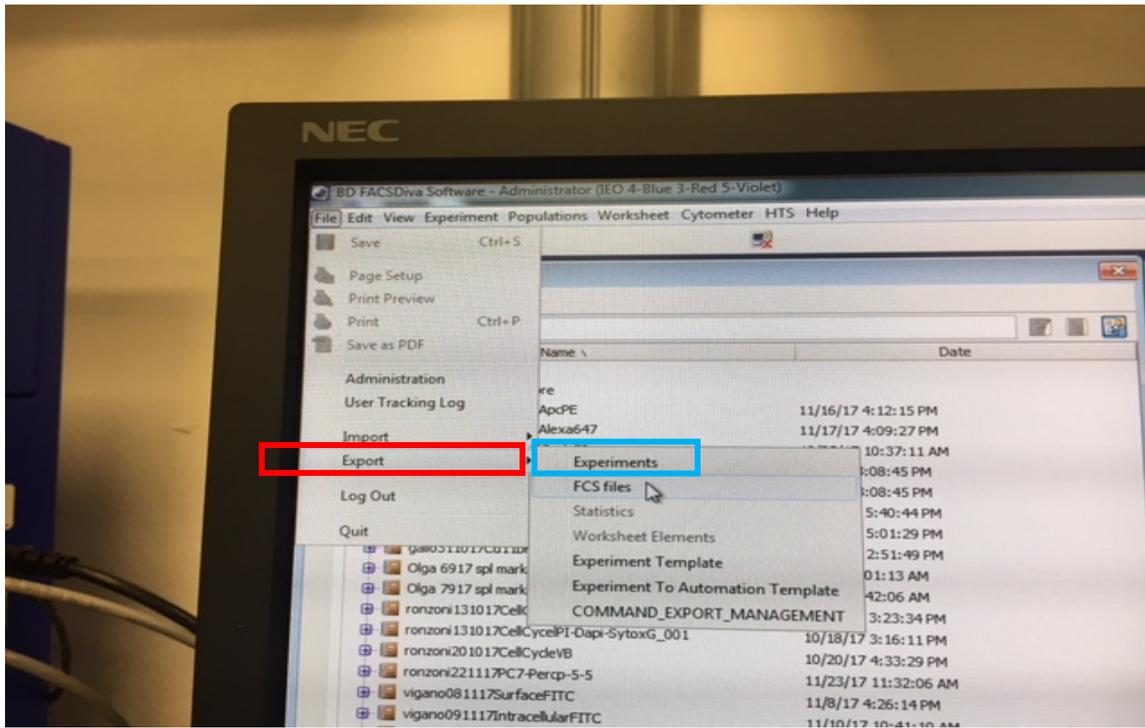


- a. Turn off on the BD FACSFlow Supply System

EXPORT Experiment:

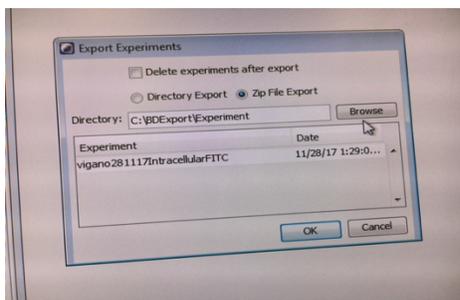
1. Select one or more experiments in the **Browser**.
2. Select **File > Export > Experiments**.

Alternatively, right-click the selected item(s) and select **Export > Experiments**



3. Select Directory Export to export the experiment into a folder (**C:\ BDExport\Experiments \ your folder**)

4. Zip File Export to export the experiment as a Zip file



5. Verify that the experiments listed are those you intended to export. (**C:\ BDExport\Experiments \ your folder**)

6. Select the Delete experiments after export checkbox if you want to

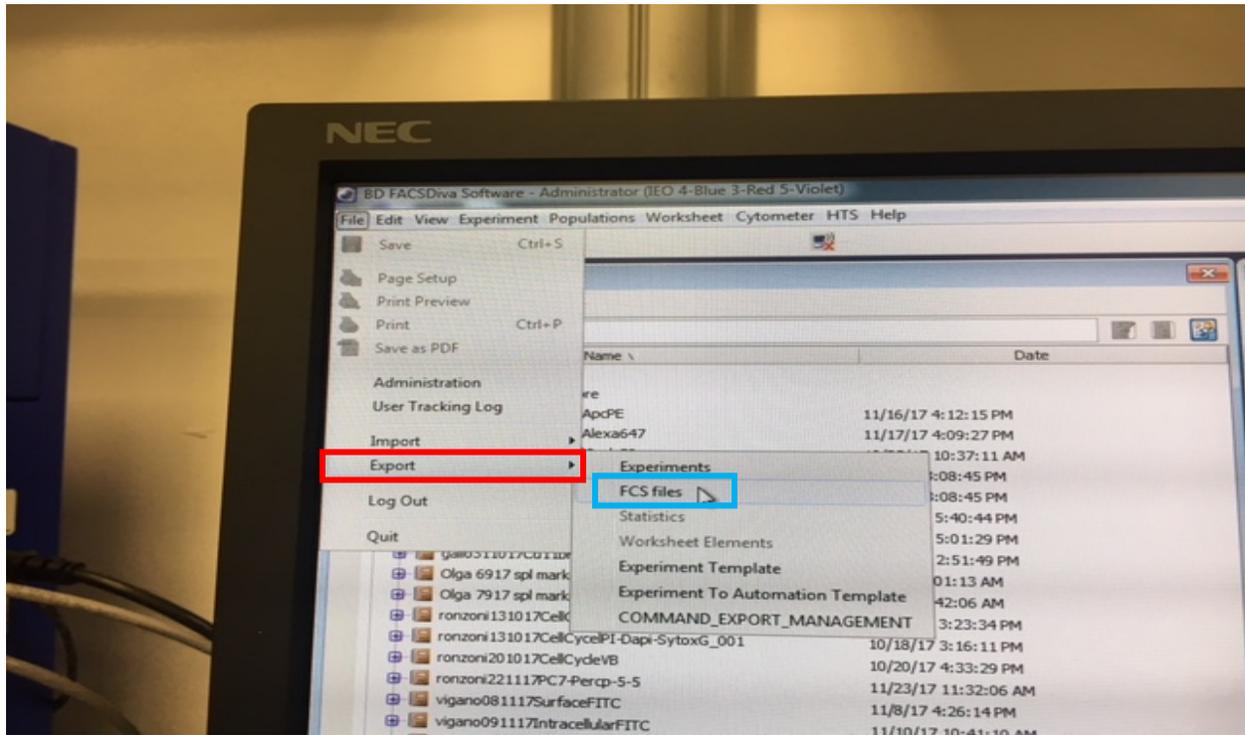
delete the listed experiments from the Browser after exporting.

EXPORT FCS Files:

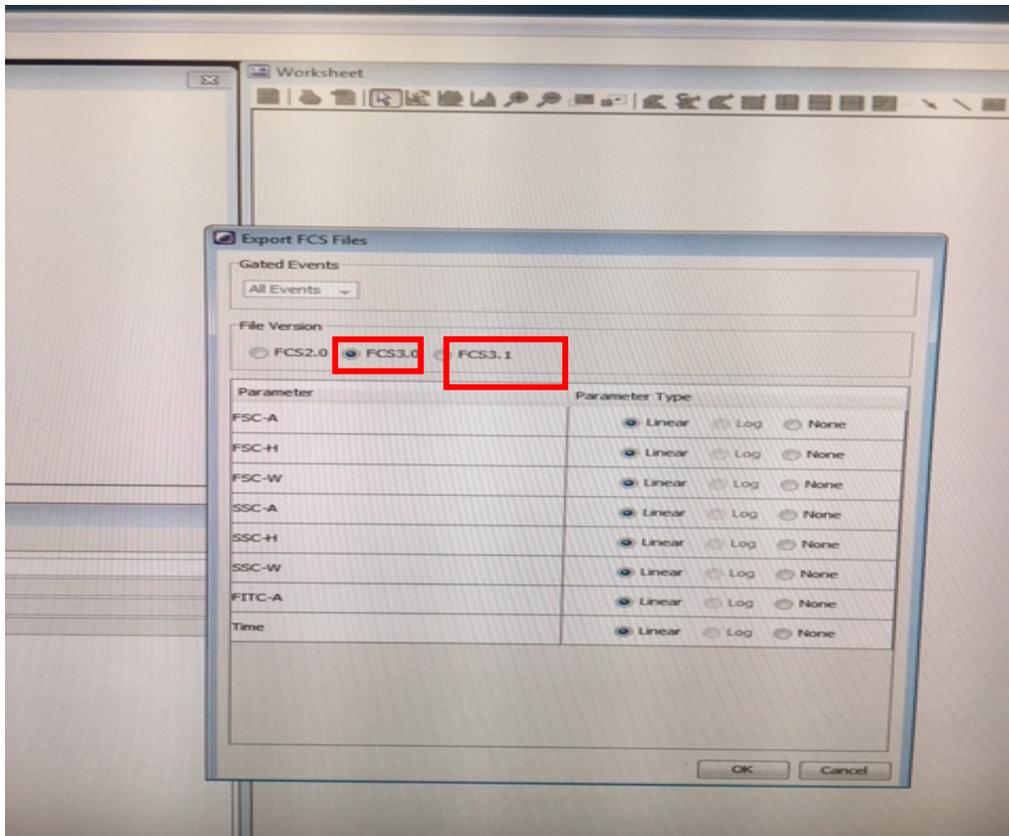
1. Select experiments, specimens, or tubes to export.

2. Select **File > Export > FCS files**.

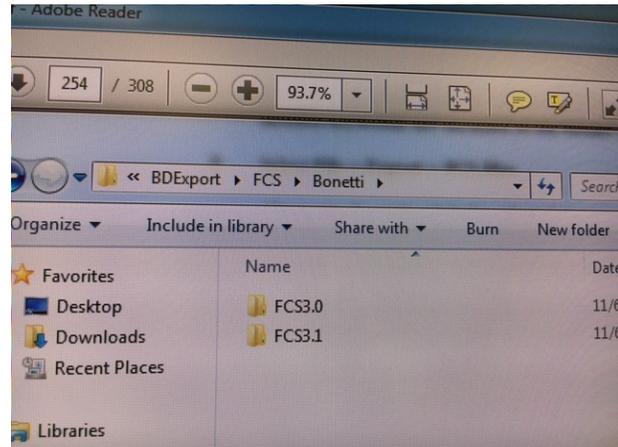
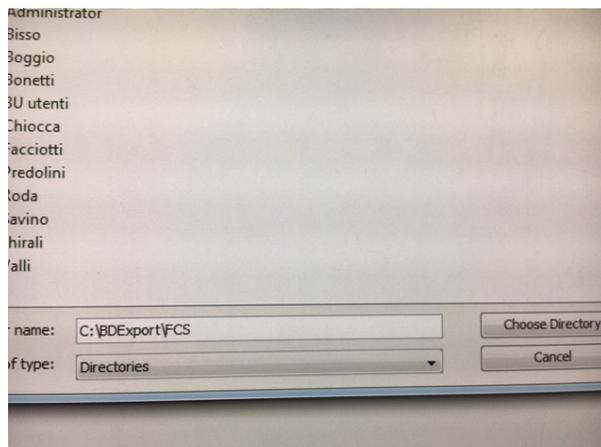
Alternatively, right-click the selected item(s) and select **Export > FCS files**.



3. Specify the FCS file version: FCS 3.0, or FCS 3.1.



4. Select Directory Export to export the FCS files into a folder (C:\ BDEExport\FCS \ your folder). Remember to save both FCS Files version 3.0 and 3.1 in two different folder



5. Transfer your experiment and FCS files (FCS3.0 and FCS3.1) on the Server. Remember I DON'T do a Back Up