FACSCelesta 2 B-V-YG

STARTUP:

1. Turn on the BD FACSFlow Supply System



2. Turn on the FACS, click the green botton



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

🛃 Log In			
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1 2 0			
User Name:	Administrato	or	•
Password:	<u> </u>		
		ок	Quit

5. Check that the workstation has successfully connected to the cytometer,

check that the cytometer window Status displays the message Cytometer Connected

Status		
Time	Event	

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 FACSFloe 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



c. 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

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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.**

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

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	Gated Events	
	All Events 🔶	
	File Version	
	○ FCS2.0 ● FCS3.0 € FCS3.1	
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	FSC-W	Linear Log None
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	SSC+H	Cinear CLog None
	SSC-W	Clinear Cog None
	FITC-A	Linear O Log O None
	Time	Linear Log None

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

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