Turning on FACS Aria III

1. Turn on the compressor in the last room
2. Turn on the computer. Password Aria old: BDIS Aria new: BDIS#1
3. Enter the Diva software: choose your lab. There is no password to login.
4. Turn the Aria on (Green button on the left) and verify that all desired lasers are set in an "on" position.
5. Select **Use CS&T settings**
6. Check the fluid tank signs – waste should be empty; flow sheet should be full.  
   
7. Check the configuration. If you need to change, go to **Cytometer à view configuration-**> select the desired configurationà **set configuration àOk. Close the window**
8. **Cytometer** à **Fluidic Startup** – follow the instructions ->Disconnect the fluid line (blue) from the ethanol filter and connect to the sheet filter. Move the air line (transparent) to the sheet tank.
9. Insert the correct nozzle. Activate the stream. Make sure the drops look stable. Increase/decrease amp if necessary.

Turning off FACS Aria III

1. Run **Clean** 5 min, flow rate 8
2. Run **DDW** 5 min, flow rate 8
3. Check manually the level of the 70% ethanol in the ethanol tank. If empty fill it up till the inside line.
4. Turn off the stream
5. **Cytometer àfluidic shut down** – follow the instructions:
   1. Remove the nozzle from the flow cell àDone
   2. Install the close loop nozzle àDone
   3. Connect the fluidic line (**without the filter**) to the filter of the ethanol matallic tank. Connect the air line to the same tank. àDone
   4. The machine will work for a few minutes. In the meantime, depressurize the sheet tank and fill it up with PBS till the inside line.
   5. Install a tube cleaning solution (DDW – at least 1ml) onto the loading port àdone
   6. Fluidics shutdown complete àDone
6. Logout from the software: **Fileà Quit**
7. Turn off the machine in the green button on the left side of the machine.
8. Empty waste and put ~100ml 12% hypochlorite.
9. Turn off the computer
10. If both machines are closed turn off the compressor and vacuum pump (if aerosol protection was used) in the last room.