

## **ARIA STARTUP/SHUTDOWN PROCEDURE**

1. Turn instrument on. DO NOT TURN ON THE TOP WHITE BUTTON. Turn on the wet cart.
2. Turn on computer. Password for Windows: BOIS
3. Click on the sapphire.ht icon to open. Hit enter. When the word sapphire appears, type "p=100" and hit enter.
4. Click on the Diva software icon to open. When the password window pops up, click "okay". Go under View and check all windows you would like to see in diva software.
5. Once the instrument is connected go to Cytometer menu and click on fluidics startup. Turn on stream after startup complete and appropriate nozzle has been inserted.
6. Go to Cytometer menu and view configurations if not on appropriate configuration. Select the appropriate configuration and hit set configuration and then the okay button.
7. Close all other windows that may appear.
8. If window comes up asking you to keep CST settings or current settings click on "current settings".
9. Select folder. Click on experiment icon. Name the experiment. Create global worksheet.
10. Put in or copy and paste desired instrument settings including threshold.
11. Delete or add any fluorochromes in the parameter tab of the inspector window.
12. Create comp tubes - Select Experiment menu - compensation setup – create compensation tubes.
13. Label all specimens and tubes needed.
14. Create experiment layout. Select Experiment menu - experiment layout. Labels and acquisition is set here. May need to close some windows so that layout pops up in middle of screen.
15. Run comp tubes. After unstained tube is run DO NOT CHANGE ANY VOLTAGES OTHER THEN FSC /SSC.
16. Perform autocomp. Experiment menu - compensation setup – calculate compensation. Skip this step if running samples uncompensated.
17. Run samples.
18. Export FCS files to designated hard drive. Burn these immediately to a CD. Export experiment to D drive - BD Export - Experiments and delete experiment from browser.
19. Turn off stream. Go to Cytometer menu fluidics shutdown. Follow procedure in popup window.
20. Shutdown computer- turn off wet cart- then turn off instrument.