AccuriC6 Maintenance Guidelines

1. For the first user of the day, **Press the power button** to turn on cytometer.
2. **Log into windows using your RUNet Login and password.**
3. Double-click **"CFlow SAMPLER"** on the desktop. **Log into your CFlow SAMPLER account**.
4. When Cytometer is at green-light ready state, place a paper towel underneath the SIP. Click **BACKFLUSH**. Click **Unclog.**
5. Place a tube with 2 mL of **diH2O** on the 24 tube rack. Select the data well. Set time limit for **2 minutes** and Fluidics speed to **Fast**. Click **RUN**. **Note:** For the first user of the day, please running diH2O for **15min** to allow lasers to warm-up before running samples.
6. Once time limit is reached, click **DELETE SAMPLE DATA**.
7. Eject the tube rack, remove the tube and run samples.
8. **Create a new experiment, or import the saved template. Run your experiment. Save data. Copy them to the CFS.**
9. When you are done with the experiment, **be sure to wash AccuriC6 properly**: Place a tube with 2 mL of diluted **Decontamination** Solution, a tube with 2 mL of diluted **Cleaning** Solution and a tube with 2 mL **diH2O** on the 24 tube rack. Select the data wells. Set time limit for **2 minutes** and Fluidics speed to **Fast**. Click **RUN or AUTORUN**. (Run 3 tubes in either "**Manual Collect**" or "**Auto Collect**".)
10. The Cytometer will stop automatically when the time limit is reached.
11. Leave the tubes on the 24 tube rack until the Cytometer is used again.
12. **Logoff CFlow SAMPLER account to avoid unnecessary charges.**
13. Before you leave FCRC please **be sure to switch instrument off if required**. Policy of keeping instruments "ON" or "OFF" depends on the time of the day:
    a. During the daytime, we keep the analyzers "ON" all the time;
    b. If you finish experiment after 6 pm on the weekday or any time on the weekend and if the next person is not physically present at the site we request to switch "OFF" the AccuriC6 by pressing the **power button**. The cleaning fluid cycle runs for ~ 13min, then the cytometer automatically power off.
14. Please **be sure to logoff Windows** before you leave FCRC. Otherwise in 10 minutes Windows will automatically lock the session under your name and will prevent other researchers from usage of the instrument.

    Note: Please report all the problems/concerns to FCRC Staff:
    During business hours – get to DWB205 and tell the FCRC staff member.
    After hours – e-mail to fcrc@rockefeller.edu; leave the note about the problem on the instrument's keyboard; proceed on step 7b from the above list.