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.