



## CYTOFLEX DAILY ROUTINES

### 1) STARTUP

1. Empty waste if necessary
2. Refill sheath fluid if necessary
3. Start computer, 'Beckman log in'
4. Switch on CytoFlex
5. Start CytExpert program
6. Select **Initialize**
7. Select **System startup program** (Cytometer menu)
8. Follow on screen instructions

### 2) QC

1. Locate QC plate with ready made QC solution from fridge
  - a. If older than 5 days mix new solution
    - i. Vortex QC beads thoroughly
    - ii. Place one drop in empty well
    - iii. Add 200ul deionized water
    - iv. Mark date and lot number on plate lid
2. Select **Start QC/Standardization**
  - a. Verify lot number of QC beads is correct
  - b. Select **Initialize**
  - c. Select **Eject**
  - d. Insert plate
  - e. Select **Plate settings** verify position of well
  - f. Verify plate type
  - g. Verify that 'Mix' is checked, 3 sec
  - h. Select **OK**
  - i. Select **Start**
  - j. Exit QC screen in File-> **Close QC**

### 3) SHUTDOWN

1. Select **Daily clean** (Cytometer menu)
2. Follow on screen instructions
3. Use shared Cleaning plate from fridge
4. Verify that correct wells are selected
5. Fill in log book
6. Remove plate and place in fridge
7. Close software, shut down computer and switch off CytoFlex