preserved. To prevent cells from clumping, centrifuge cells

When sorting single cells into a plate, the Fusion has a sort index function that means you can trace which cell on your plot ended up in each specific well. This traceability function can be very useful.

Controls

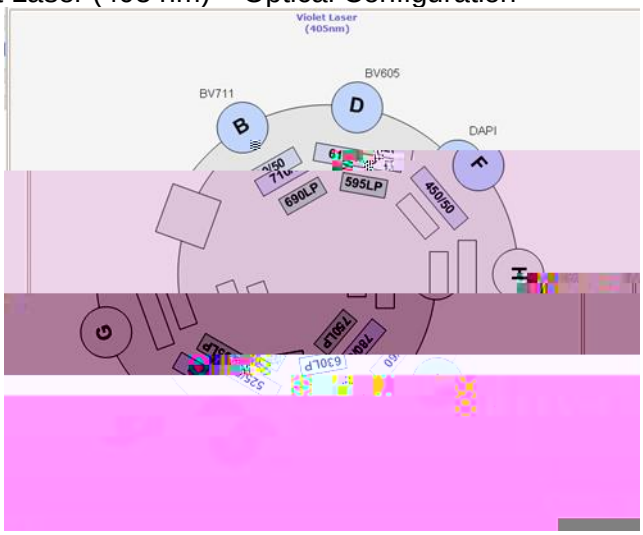
Please bring the proper experimental controls, for example unstained cells, single fluorescently stained cells or beads, fluorescence minus one, negative controls. We cannot gate properly without adequate controls. For multi-color experiments you must bring compensation controls or design your experiment with fluorochromes that do not spectrally overlap.

Labelling your cells or particle of interest with fluorochromes and dyes

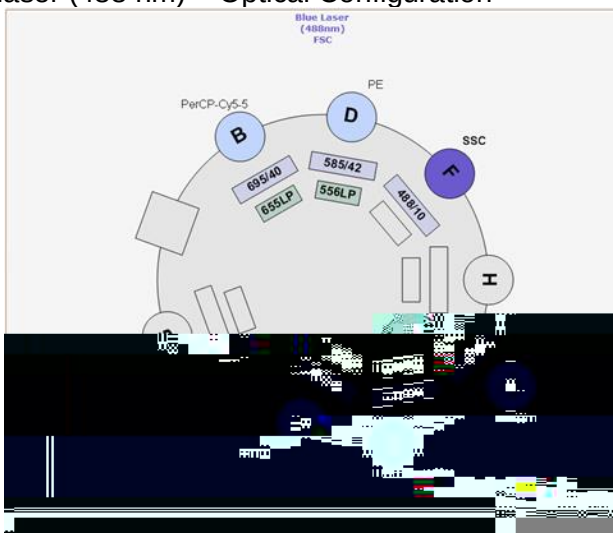
Several Spectral Viewers are available online to help design your panel of dyes, and understand where the emission spectrum will lay in relation to the laser filters that we have available. These include:

- https://fluorofinder.com/
- https://www.biolegend.com/en-us/spectra-analyzer
- https://www.bdbiosciences.com/en-eu/applications/research-applications/multicolor

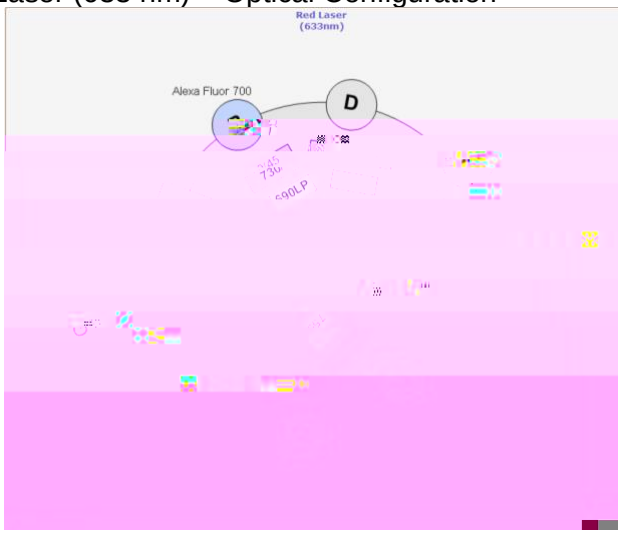
Violet Laser (405 nm) Optical Configuration



Blue laser (488 nm) Optical Configuration



Red Laser (633 nm) Optical Configuration



attracted to the charge of the plastic, stick to the side, small volumes of liquid evaporate and cells die. Pre-coating collection tubes with protein e