

WELCOME TO THE FLOW CYTOMETRY LAB

What to do to get started!

- ☐ Have a meeting with staff to discuss the flow cytometry project (please include at least 1 paper describing the type of experiment(s) you wish to conduct). Contact Mitch (mrk226@psu.edu) to set up a time.
- ☐ Ensure that Laboratory Safety training is up-to-date
- ☐ Register on iLab (https://psu.corefacilities.org/service_center/show_external/4305)
 - If your PI doesn't already have one, please have them add a billing account to iLab
 - Have your PI approve you to their Cost Center on iLab
- ☐ Complete "Laser Fundamentals and Safety Training"
 - Send laser training certificate to mrk226@psu.edu and ehslaser@psu.edu
- ☐ Watch videos 1-5 at <http://tinyurl.com/raodyp>

Tutorial	Molecular Probes tutorial series—Analyzing flow cytometry data	flow cytometer calibration, flow cytometer/flow cytometry, multicolor flow cytometry
Tutorial	Molecular Probes tutorial series—Anatomy of fluorescence spectra	absorbance, emission, excitation, spectra
Tutorial	Molecular Probes tutorial series—Introduction to flow cytometry	flow cytometer calibration, flow cytometer/flow cytometry, multicolor flow cytometry
Tutorial	Molecular Probes tutorial series—Introduction to fluorescence	fluorescence
Tutorial	Molecular Probes tutorial series—Overview of filters and light sources	emission, excitation, filters, light cubes, light sources

- ☐ Hands-on training
 - Schedule with Mitch mrk226@psu.edu
 - Complete hands-on training (usually 2 sessions)

Facility Policies

Users are obligated to abide by the following facility policies

- Users **must acknowledge** the facility in all publications, posters, talks, etc.
- Users **may not** train other users or Log in for an untrained user
- Users may not attach any device to a facility computer (i.e. **No USB drives**)
- Users may not install software on any facility computer
- Users may not alter preferences in software without permission from a staff member
- Users must clean up the work area after use; training will be provided for properly cleaning instrumentation.
- The facility is not responsible for data storage. Users should promptly remove all data from facility computers using approved methods.