

WELCOME TO HUCK INSTITUTES OF THE LIFE SCIENCES 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 safety training is up to date. <https://ehs.psu.edu/training>
 - Laboratory and Research Safety Training
 - Laser Fundamentals and Safety
 - Bloodborne Pathogens – Research Personnel (Online through CITI)
 - **Send training certificates to mrk226@psu.edu**
- ☐ Register on iLab (https://psu.corefacilities.org/service_center/show_external/4305)
 - If your PI does not already have one, please have them add a billing account to iLab
 - Have your PI approve you to their Cost Center on iLab
 - [iLab — iLab Quick-Start Guide](#)
- ☐ Watch short tutorial videos:
 - ✓ [Molecular Probes tutorial series—Introduction to flow cytometry](#)
 - ✓ [Molecular Probes tutorial series—Introduction to fluorescence](#)
 - ✓ [Molecular Probes tutorial series—Analyzing flow cytometry data](#)
- ☐ 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.
 - Pennsylvania State University Huck Institutes Flow Cytometry Core Facility (RRID:SCR_024460)
- 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 thoroughly cleaning instrumentation.
- The facility is not responsible for data storage. Users should promptly remove all data from facility computers using approved methods.
- **Users must use PPE and adhere to all universal BSL-2 precautions.**

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Acknowledging The Huck Institutes of the Life Sciences Core Facilities

- Mandatory Minimum – Independent use of Huck resources
 - *“The co-authors would like to acknowledge the Huck Microscopy Core Facility for use of the Zeiss LSM-880 confocal microscope.”*
- Example 1 - Independent use of Huck resources and guidance from staff
 - *“The co-authors would like to acknowledge the Huck Flow Cytometry Core Facility for use of the BD Fortessa flow cytometer and staff X for helpful discussions on sample preparation.”*
- Example 2 - Routine data collected by Huck Facility personnel (data interpreted by the user)
 - *“The co-authors would like to acknowledge the Huck Genomics Core Facility for use of the Thermo Fisher StepOnePlus Real-time PCR system and staff X for collecting the data shown in Figure Y.”*

Please always notify the relevant Facility when acknowledgement is made.

If we did more than above – please consider authorship.