

Instructions on how to schedule self-run training:

*If you are a new user at our facility, we ask that you fill out our Biosafety Agreement form, which can be found here: <https://researchcores.partners.org/crmfcc/about>

Please fill this out and get it to us before scheduling any time.

If you are a beginner in flow cytometry, please watch this video before any training:

▶ Flow Cytometry Introduction - Malte Paulsen (EMBL)

IF YOU ARE TRAINING ON THE CYTPIX:

- Request training on the CytPix by logging onto the ResearchCores website, navigating to the HSCI-CRM Flow Cytometry “About” page (<https://researchcores.partners.org/crmfcc/about>), and to the “Equipment” tab on the left-side menu bar. Scroll down to the CytPix and click the “Request Training” button
- CytPix classes are held twice per month from 9:00am-12:00pm. Please ask us for dates. You’ll select one and email to let us know so we can reserve your spot. If none of those dates/times work for you, go to the “Schedule” tab on the left-side menu bar and find a 2.5 hour time slot on one of the sorters that works with your own schedule. Book that time and write “1st CytPix training” as the description. Then send us an email (mghcrmfcore@mgb.org) to let us know you are interested in using that time for self-run training on the CytPix. We will block off the CytPix for that time. (If you do NOT email us and the CytPix is not available during your time, we will still charge you.)
- The training for the CytPix starts with a 3 hour class/session with a facility staff member. For this first session, do not bring samples. We will discuss the parts of the CytPix, instrument start-up, how to navigate the software, compensation, how to work with images, data management, and instrument cleaning.
- For additional training sessions you will use your own samples to practice with one of the core staff members or with someone from your lab who has already completed training on the CytPix. At least one practice needs to be with facility staff.
- Once you feel confident operating the instrument, and troubleshooting any problems, there will be a practical exam. Upon successful completion of the practical, we will mark your CytPix training as “Completed” in the online system. You will then have access to book the CytPix 24/7. If you do not pass, you will need to do at least one more practice before re-taking the practical.
- Please keep in mind that live human samples are NOT allowed on the CytPix. Any human samples MUST be fixed prior to analysis.

IF YOU ARE TRAINING ON THE BIGFOOT SORTER

- Request training on the Bigfoot by going logging onto the ResearchCores website, navigating to the HSCI-CRM Flow Cytometry “About” page (<https://researchcores.partners.org/crmfcc/about>), and to the “Equipment” tab on the left-side menu bar. Click “Request Training” button for the Bigfoot.
- Go to the “Schedule” tab on the left-side menu bar. Browse the schedule and find a 2-hour time slot that works with your own schedule. Book that time and write “1st Bigfoot training” as the description.
- Training for the Bigfoot starts with a 2-hour session with a facility staff member. For the first session, do not bring samples. We will discuss parts of the Bigfoot, instrument start-up, how to run QC, and introduce the software.
- For additional training/practice sessions you will use your own samples to practice creating experiments and sorting.
- Once you feel confident sorting samples and instrument operation, troubleshooting any problems, cleaning, and data management, there will be a practical exam. Upon successful completion of the practical, we will mark your Bigfoot training as “Completed” in the online system. You will then have access to book the Bigfoot outside of staff hours.. If you do not pass, you will need to do at least one more practice before re-taking the practical.
- If you wish to analyze/sort live human cell lines, or any BSL2 samples, please let us know beforehand, as there are additional procedures in place for human sorting.