

## **Announcements**

**\*We've made changes to our Scheduler based on feedback from our annual user survey!**

**New features added:**

- *My Reservations* splash page, which lists your upcoming and past reservations.
- Weekly view hyperlinks to view individual instruments for the entire week.
- Instrument *Favorites View* for viewing only your favorite instruments.
- *My Access* button: displays your PennCard registration status, your active funding source/s, and instrument access based on your training.
- For a quick video tutorial on how to use these new functions, check out our updated YouTube video here:

<https://youtu.be/61t3tgRpuNc>

**\*The Symphony A5 SE DW, located on the 4<sup>th</sup> floor of 1UCity, is now open to trained users!**

This instrument can be booked up to 2 weeks in advance. You must have a UCity ID card to gain access into the building. To get a UCity ID card, please contact

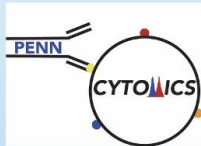
[william.murphy@pennmedicine.upenn.edu](mailto:william.murphy@pennmedicine.upenn.edu)

## **Ask a Cytometrist (New!)**

### **Why should I add a viability dye/marker to my panel?**

- Dead/apoptotic cells release “sticky” DNA into your sample, which clump together very quickly. These small, gooey clumps can clog the cytometer and skew your data. Adding a viability marker can give a snapshot of “sample health” and provide insight if there are sample prep issues. **Remember: Garbage in, garbage out.**
- FSC vs SSC combined with singlet gating will NOT omit all dead/dying cells from your data. Only a viability marker will allow you to omit these cells.
- Dead cells have autofluorescence, which can simulate a false positive in various channels.
- Publishing data without a viability marker is not good practice. Reviewers may request a viability marker to be added to your experiment. Best to get ahead of it now!

## Upcoming Events



**The Discover A8 spectral imaging analyzer has arrived and is located in 231 John Morgan Building!** If interested in training, please contact:  
[william.murphy@penntestmed.edu](mailto:william.murphy@penntestmed.edu)



### **Annual Course in Flow Cytometry at Drexel University in Philadelphia from 7/13/25 – 7/17/25!**

*A five-day course with hands-on laboratory workshops coupled with related lectures.*

*Registration is limited to 90 applicants and will fill up quickly.*

*Registration is now open! See below for registration link and labs that will be offered.*



<https://drexel.edu/medicine/about/departments/institute-for-molecular-medicine-infectious-disease/events/annual-course-in-cytometry/registration-and-scholarships/>

#### **Labs offered:**

- > Build a Flow Cytometer
- > Cell Sorting
- > Intracellular
- > Multicolor Immunophenotyping
- > Introduction to Antibody Staining
- > Instrument QC
- > Single Cell Genomics
- > Spectral Flow Cytometry
- > Extracellular Vesicles
- > Panel Design
- > Data Acquisition
- > Analysis Basics
- > High Dimensional Data Analysis
- > Sample Preparation
- > Imaging Flow Cytometry

## **Congratulations!**

Congratulations to Maria Betina Pampena, who was selected from numerous highly competitive applications as the recipient of a scholarship to attend this year's Annual Course in Flow Cytometry at Drexel University. Betina has years of experience performing high-dimensional flow cytometry, developing assays, and teaching best practices in cytometry to others. She hopes to expand her expertise by learning cutting-edge techniques and data analysis tools to better understand complex clinical data.

## Office Hours

Some of our instrument vendors are offering monthly office hours for interested users to ask experimental questions. Please feel free to drop during the times below.

**Cellaca Cell Counter with Tom Ehlers:** Wed 5/14 from 10am-1pm in 297 JMB

**BD Rhapsody (Single-Cell Isolation) with Chloe Charendoff and Shreya Udani:**  
*Coming soon in June! Will be announced in the next coming weeks.*

## Flowbituary

Andy Morschauser, our cell sorter specialist, will be retiring on 6/30/25. Andy has been an integral part of our core facility for over 10 years, teaching students how to sort and assisting users in their cell sorting experiments. Andy will be kicking off his retirement in Scotland to play on the top golf courses in the area! Then, spending the rest of his summer in PA and NC before deer hunting season begins. Andy plans on enjoying his time golfing at Pinehurst, volunteering at club tournaments, and participating in competition shooting at Delaware County Field and Stream. He also plans on rebuilding 2 decks along with other various home projects. We will miss Andy's expertise in the core and wish him the very best in his golfing and hunting endeavors. Have a transfusion drink on the course for us Andy! (If you never heard of it, ask him what it is before he leaves.)



*Andy in his golfing glory.*