**Instrumentation**

**Symphony A5 SE (Spectral)**

The Symphony A5 SE spectral analyzer is now available for all seasoned Symphony users. The cytometer is equipped with 5 lasers and can theoretically accommodate up to 50 parameters. Rich has successfully run a 43-color experiment and has helped BD design their spectral panel for an upcoming talk on the June 29th (see event below).

If you are interested in spectral training, please email Derek Jones. NOTE: You must be Symphony trained and be running on an A5 for quite some time before making a leap into this advanced instrumentation.
**Nodexus NX One**

We will be demoing the new Nodexus NX One cell sorter. This cytometer is a micro-fluidic cartridge-based cell sorter. All detection, sorting, and cell dispensing takes place in the micro-fluidic cartridge. This means there is little to no stress on your sample, increasing your viability. It is specially designed for plate sorting but can also do bulk sorting.

The demo is planned for the week of July 17th, but we will have the unit for an undisclosed period of time. Penn Cytomics will be sending out a reminder as we get closer. All users that are interested, please feel free to contact us as well.

**Sartorius iQue3**

For those of you that would like to run your samples using plates, rather than tubes, here is an instrument for you. The High Throughput Screening Core has purchased an iQue3 Advanced Flow Cytometry System that is available to the entire University. The iQue 3 is a 3 laser/15 color system that runs 96 or 384 well plates. The iQue3 allows users to run 96 well trays in about 5 minutes. When you compare that to the Fortessa with an HTS, it can take anywhere from 15-45 minutes to run a 96 well plate.

If you are interested in running your samples on the iQue3, contact the High Throughput Screening core today. Here is a link to their website:

https://med-upenn.corefacilities.org/service_center/show_external/3720?name=high-throughput-screening-hts-core
Upcoming Events

**BD Horizon Next Global Education Tour**

Thursday June 29, 2023
Sheraton Philadelphia University City Hotel
3549 Chestnut Street
Philadelphia, PA 19104

10:00 - 5:00PM

**9:30 - 10:00**-Registration

**10:00 - 11:00**-Optimize: Learn the best practices for the design and execution of high-parameter spectral flow cytometry panels
Speaker: Mirko Corselli, PhD | Associate Director of Market Development, BD Biosciences

**11:00 - 12:00**-Deep Science: Exploring the diversity of immune systems through deep spectral immunophenotyping and cell sorting
Speaker: Robert Balderas | Vice President Biological Sciences, BD Biosciences

**12:00-1:00**-Lunch (Provided)

**1:00 - 2:00**-Imaging Spectral Sorting: Discover and learn about the cutting-edge technologies featured in the first ever real-time imaging spectral flow cytometer
Speaker: Peter Mage, PhD | Associate Principal Engineer Advanced Technologies, BD Biosciences

**2:00 - 5:00**-Social hour, interact with BD experts and solutions including the BD FACSDiscover™ S8 Cell Sorter, and reconnect with your community.

Click here to register:
[https://bd.showpad.com/share/TENdTbod5Tt2RW4SwQ4Ig/0](https://bd.showpad.com/share/TENdTbod5Tt2RW4SwQ4Ig/0)
46th Annual Course in Flow Cytometry

August 12-17, 2023
Sanford Burnham Prebys (SBP) campus inbuilding 1210905 Road to the Cure, San Diego, CA

https://sandiego.cytometryeducationalassociates.org/wp/

The annual course in flow cytometry is a long-running series of week-long workshops, which provide state-of-the-art information on cutting-edge topics in cytometry.

Come and join us for hands-on small group laboratory sessions and associated lectures as internationally recognized experts in the art and science of cytometry share their “keys to success”.

Whether you’re looking for solid fundamentals, some amazing networking opportunities, the latest technical advances, or all of the above, this is sure to be a learning opportunity you won’t want to miss.

Recognition

ISAC Recognized Shared Resource Laboratory

We are proud to announce that Penn Cytomics Cell Sorting and Shared Resource Laboratory was chosen as one of 10 total shared resource labs worldwide to receive SRL Recognition! This unique program is offered through the International Society for the Advancement of Cytometry (ISAC). It is designed to recognize select SRLs for operational excellence and adherence to best practices as outlined by the society. For more details on the application process/program, visit: https://isac-net.org/page/SRL-Rec-Prog