The Flow Core is implementing a new troubleshooting reference tool for analyzer users! We have named it FlowRemedy, a diagnostic flowchart to help instrument users resolve basic analyzer issues. Below is a sneak peek of what FlowRemedy will look like. These flowcharts will be posted in all rooms where flow cytometer analyzers are stationed. We hope this will help you get through your experiments with minimal interruptions within and between different user sessions!
Promotions

Penn Cytomics Job Posting

The Penn Cytomics Shared Resource Laboratory has posted a new position in our lab. The posting is for either a Resource Technologist B or C. The code and link are posted below:

Job posting code: JR00048788

Please contact either Derek Jones (jonesder@pennmedicine.upenn.edu) or Bill Murphy (William.murphy@pennmedicine.upenn.edu) for more information.
Lab number 215-898-3528
Lab location 297 or 201 John Morgan Building

CYTO 2022 Philadelphia

ISAC will be holding its annual meeting in Philadelphia from June 3-7, 2022, at the Pennsylvania Convention Center. The time to submit abstracts has passed but if you would still like to attend CYTO 2022 here is the link to register:

https://isac-net.org/page/CYTORegistrationAndHousing

There are going to be lots of great talks, tutorials, poster, as well as vendor’s latest technology in flow cytometry. The two featured speakers will be Penn’s own John Wherry, the 2022 Robert Hooke Lecture, and Drew Weissman, as the Keynote Speaker. Check out the link below for the CYTO 2022 program:

https://isac-net.org/page/CYTOProgram

New Penn Cytomics Facebook Page
We have a new Facebook page! Follow us at “Penn Cytomics” for the latest in Flow Cytometry.

https://www.facebook.com/PennCytomics

Policy Reminders

No Cluster tubes

We appreciate everyone moving away from using the cluster tubes while they are running samples on the analyzers. We wanted to show you an example of a working Bal Seal and a damaged Bal Seal.

The Bal Seal on the left is a working functional Bal Seal. You can see the internal spring and the plastic seal is not compressed. The Bal Seal on the left is a damaged due to the use of cluster tubes. As you can see the plastic seal is compressed and the spring is no longer visible. The seal gets compressed like this because the top ring of the polystyrene tube does not clear the seal due to the cluster tube which is placed in the tube. The top portion of the polystyrene tube has a smaller diameter. BD only design the Sample Injection Port (SIP) to accommodate nothing other than a Falcon 12x75 polystyrene tube. The length of the SIP is fixed and adding the cluster tube results in the tube not seating in the proper position. This results in a damaged Bal Seal due to the improper fit. Your samples will not run correctly, and the instrument performance is compromised.

Biosafety Identifiers

When scheduling self-sorting appointments, Biosafety Identifiers should be included in the summary area, the same place you indicate what nozzle size you are sorting with. This applies to all sorts, even Aria A and Aria B. This is to ensure the safety of all users and to make sure that your samples are on the correct cytometer. If a biosafety identifier is not included you will be contacted by the staff and ask to add it to your booking.

Editor Corrections

Last month as we were congratulating Jen on her passing her certification as a Specialist in Cytometry it was brought to my attention that her last name was spelled incorrectly. It is with
our deepest apologies that this somehow slipped past our very diligent editorial staff. We are sorry for the mistakes and here is the correct way to spell Jen's last name:

JAKUBOWSKI

Staff Changes

With Tom’s retirement, as of March 31st, these are some of the changes to our roles in the lab. Mostly you, the users, will not see any changes to the day to day running of the core.

- Bill Murphy will be taking over as operations manager of the lab.
- LSR training will be shared amongst the members of the lab and still be held 3-4 times a week
- Derek Jones will be conducting a live Intro to Flow lecture every month
- Shifu Tian will be taking over the morning QC and maintenance in the Hill Pavilion