AIM CORE Newsletter

August 2020

Lots of New Stuff!

We've had a busy month and a half since our last newsletter. We have some upcoming changes in SOP (Standard Operating Procedures), some equipment additions, and some tips/highlights on current equipment.

1) Please note revisions in our SOP

Please click this link to view our most current Standard Operating Procedure. It was specifically reviewed by the Office of Biosafety and Dr.Richard Larson. Please note the required PPE and requisite logging in protocols (Badge @ door, Covid Tracing, and Kiosk Instrument logs). Please take time to review it as failure to adhere to these policies may result in suspension from core usage. We are expected to and will cross reference these logs periodically to ensure safety compliance. **An automatic door closer will be installed shortly, so always remember to bring your badge and swipe in even if you find the door open.

2) Fun little video about our instrumentation offerings

We put together a short fun video about the cores' instruments. Please free free to share if your lab mates or lab neighbors could use some of these capabilities!

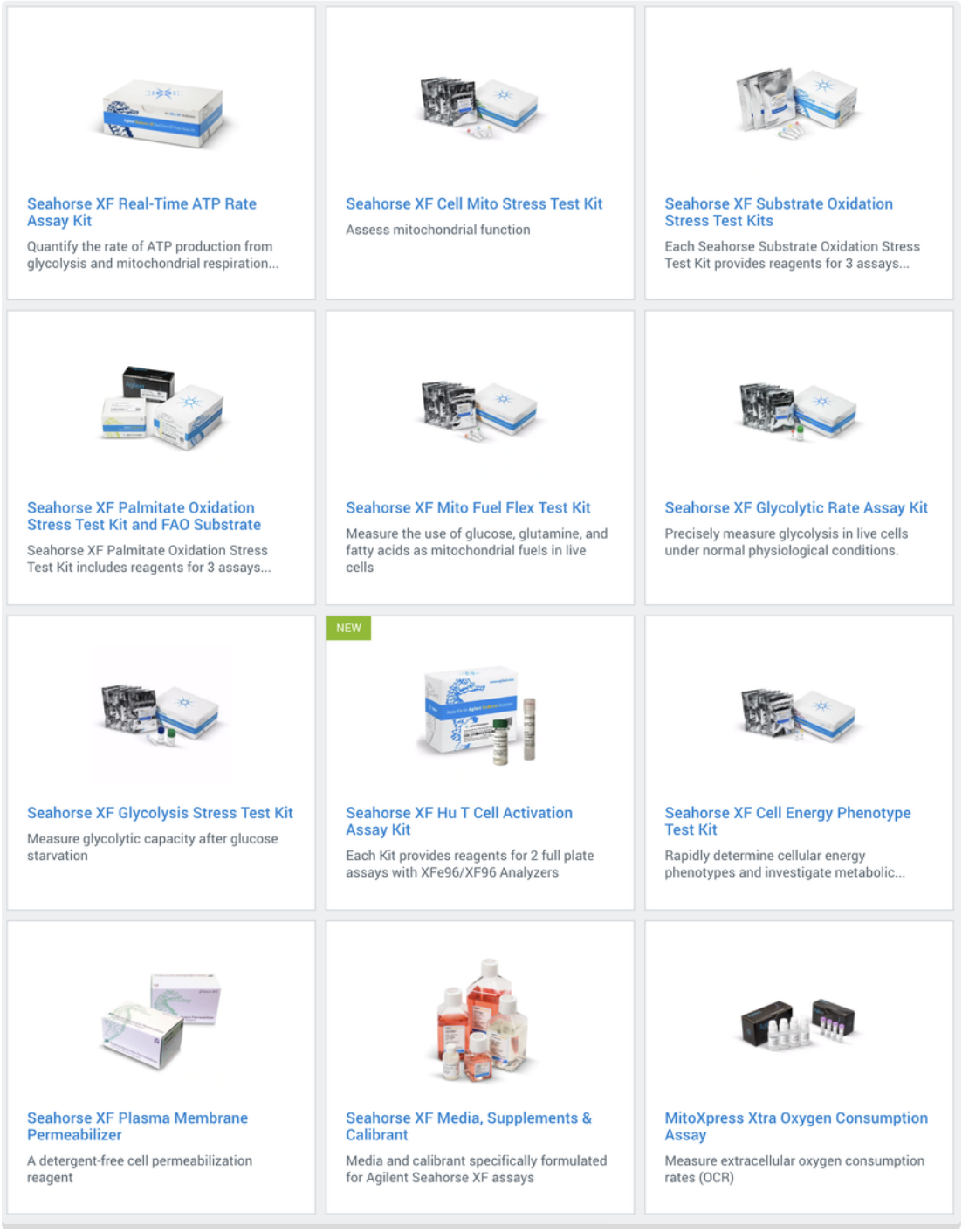
3) xFe96 Seahorse is INSTALLED and ready for your 1st Experiment!

"Moose", the Agilent xFe96 Seahorse is now ready for users to run experiments. Due to Covid travel restrictions our original timeline for installation was delayed but now that it's here, the next part of

training is actually scheduling your experiment with Jay Dunn (jay.dunn@agilent.com). He is the best person to consult for which kits would best suit your assay needs and can give you **discount pricing** if you attended the 1st workshop.

We are hoping to schedule several investigators to run their experiments on a specific date soon so that we can organize the 2nd training day around your run. So please let me and Jay know the soonest date you can run your 96 well seahorse experiment.

In case you missed it here is the link to the Seahorse Training (Part I) that took place on 7.15.2020. And this is a link to a short intro on the xFe96 Seahorse
Both of these training videos are available in the info section of the iLabs scheduler under the xFe96 Seahorse Scheduler.



4) Guava Flow Cytometer will be available very soon!

The Guava® easyCyte™ HT is getting updated, calibrated and ready for training. If anyone would like to join me virtually for a zoom training on Thursday @ 1pm:

Topic: Guava Training
Time: Aug 27, 2020 01:00 PM Mountain Time (US and Canada)

Join Zoom Meeting
https://hsc-unm.zoom.us/j/94652882124
Meeting ID: 946 5288 2124

5) Amnis Training Available! Register today!

September 1–3, 2020
Virtual Sessions Hosted in CST
Join us for the Virtual Imaging Flow Cytometry Learning Sessions from September 1st through the 3rd. This event will provide information on the Amnis® ImageStream®X Mk II Imaging Flow Cytometer, including the ImageStream process workflow, as well as an overview of IDEAS® Software, including compensation, wizards, and data analysis.
Session topics include:

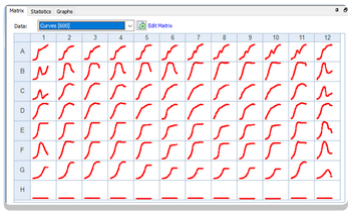
- IDEAS Software topics, including compensation, nuclear localization, and the Feature Finder wizard
- Q&A sessions on new technologies, including Machine Learning and Amnis AI
- Making connections during Q&A sessions with Luminex Field Applications and Technical Support teams

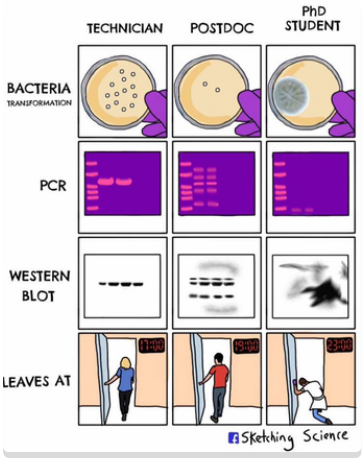
LEARN MORE

Register today!
The last day to register is **Friday, August 28, 2020**. Why wait? Register today. Visit our website for the complete agenda at: luminexcorp.com/luminex-learning-sessions/.
Need more information?
Contact Terrin Blackmon at tblackmon@luminexcorp.com for more information on this event.

Edge Effect is so Real! (Biotek)

Just a friendly reminder that imaging plates edge effects can impact your data from samples on the periphery of your plate. Pictured here is a plate that had replicate samples going across the entire row and monitoring growth over 24 hours. Notice the wells on the edges are very affected by edge position. This data was imaged on the Biotek plate reader but edge effects have been observed on the Cellomics machine as well.





Keep on keeping on

Lab life (especially under COVID) can be tough. Stay strong and remember that you are awesome and part of a community fighting "the good fight" against ailments and diseases of all kinds. Let's add some levity. . .I invite you to share funny lab memes and post them (tape or magnets) on our -80C freezer in the core.

I am hosting 2 virtual contests:

1) Best Image/Data Contest: Submit an image that was generated in the AIM Core with a brief description of why it's awesome. All submissions will be anonymously shared in a special newsletter issue where users can vote on their favorite submission. (It could even be a very sensitive gel, that you finally got to work. Doesn't have to be a 4 color confocal image, just something you're very excited about). Submission deadline is September 30.

2) Second contest: Share something you learned in the AIM core that was very helpful to you and could be helpful to another user. Seems simple right? Again, we'll let the other users decide on your little tip.

Email me your submissions with the word "contest" in the subject. Prizes TBD. Winners announced October 1

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