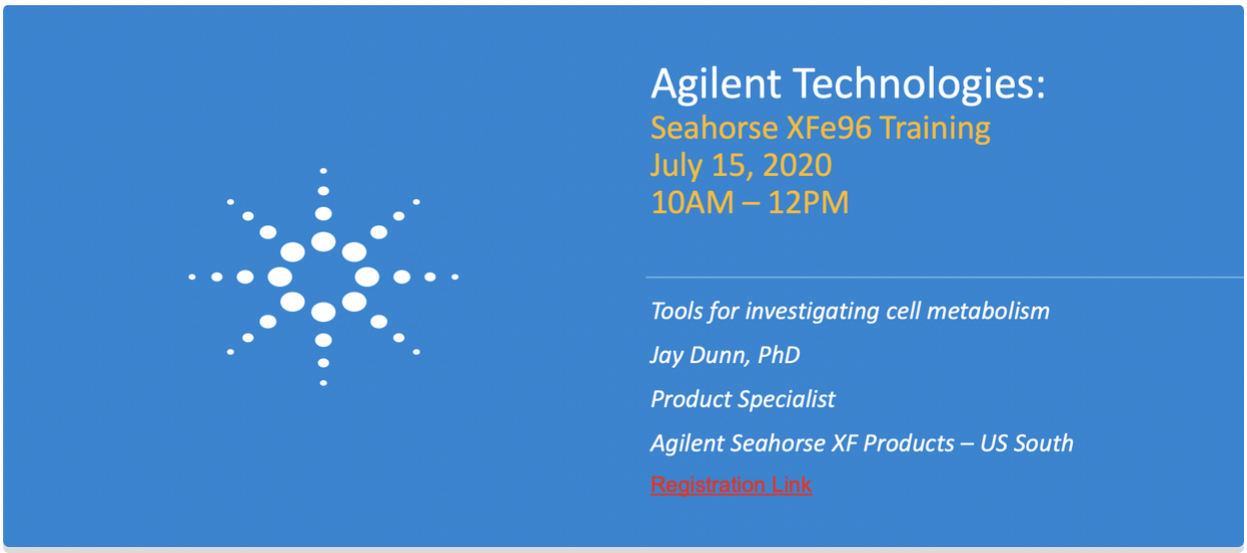
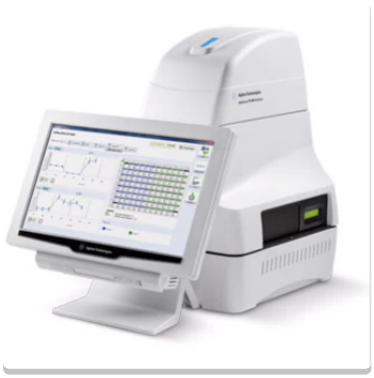
AIM Core Newsletter

July 2.0

The 96 well Seahorse is coming! Click here to learn more about this technology!



Click here to Register for the 2 part Seahorse Training!



July 15th & (potentially) July 29th! Mark your Calendars!

July 15th 10am: 1.5 hr virtual training

1. How the XFe96 Seahorse works
2. How to set up your assay
3. And how to run your assay

July 15 - July 28: We anticipate installation by this time so that you can run your pilot assays and submit data to Jay Dunn (Agilent Seahorse)

July 29th: Live virtual analysis training with your actual data with Jay Dunn

CellInsight Webinar by Victoria Thaney, PhD this Friday @ 10am

https://thermofisher.webex.com/thermofisher/j.php?MTID=mf5eb7a5ce35aff3b01f419420bd2848e
Meeting number (access code): 145 472 2915
Meeting password: UNyJmh7ZX68

Accelerate your research with the CellInsight CX7 High-Content Screening (HSC) Platform

The Current Landscape of Biological Testing using High Content Analysis:

High content analysis (HCA) is an automated imaging approach widely used for phenotypic screening in biological research and drug discovery, providing precise quantitation and spatial resolution of fluorescent or colorimetric signals from live and fixed biological specimens. Owing to needs for greater physiological relevance and modeling of living systems, the sample landscape has changed in recent years, shifting from traditional monolayer cultures to include increasingly complex preparations including 3D spheroids, patient derived stem cell lines and organoid cultures. Here, we present the CellInsight HCA technology and it's abilities to capture and quantify variety of complex model systems, including oncogenic 3D spheroids, patient-derived organoids and standard 2D co-culture models.

Meet your local High-Content Imaging and Analysis Technical Specialist:

Please join us for a seminar to learn more:

Date: July 10, 2020

Time: 10am

Location: Online Event

Victoria Thaney, PhD
victoria.thaney@thermofisher.com
1-415-231-4640

ThermoFisher SCIENTIFIC

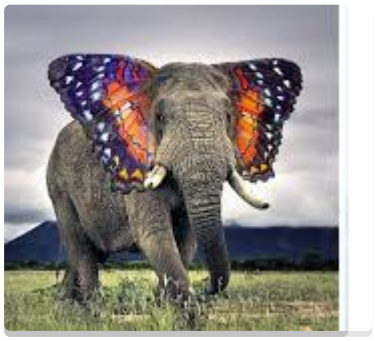
Gel Doc Users

* You can start your session 10 minutes early/before your scheduled reservation time
* You have 10 minutes from when your reservation starts to log into

* You have 5 minutes after your reservation ends to log out

If scheduling conflicts arise, reservations take priority over walk ups. If someone is using equipment without logging into kiosk, conflicts should be resolved by arm wrestling.
(just kidding. . .or am I?)

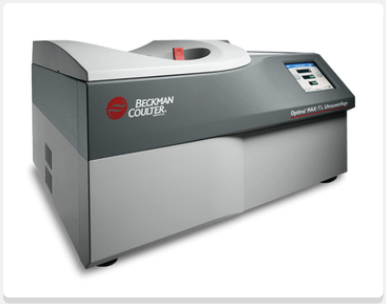
Take your data, s'il vous plaît, as I will be data purging the first Friday of every month.

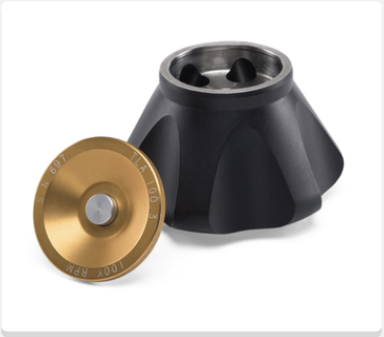


Did You Know?

Did you know that after taking a chemiluminescent photo of your bands, that you can image your membrane with Brightfield (0.001sec) and select both images in the gallery and merge them to have a picture of your band and your ladder?
Check out the video tutorial link under the Gel Doc info located in iLabs!

The Beckman Coulter Optima Max-TL Tabletop Ultracentrifuge "Cora" is now here and ready for use!





- Max RPM - 100,000
- Max RCF - 541,000 x *g*
- *k* Factor - 14
- Tube Number / Volume / Size / Dimensions:
  - 6 x 3.5 mL
  - 13 x 51 mm
- Rotor Capacity - 21 mL

To gain access to the booking scheduler for this equipment:

1. Please click here to watch the MANDATORY TRAINING VIDEO
2. Please click here to download and read through OptimaMAX TL Training SPD2020
3. Then email spdesai@salud.unm.edu for a brief training/safety quiz.
4. After passing the safety quiz, your status will change to "trained user" and you'll have 24/7 access to booking this centrifuge.
5. Video training link and information on the centrifuge and rotor can be found on the iLabs scheduler.

AIM Core, UNM

@AIM_autophagy

I'm happy to see investigators taking advantage of all we have to offer in the AIM core facility.
For now, there is no cost associated with using our equipment, getting training, or consulting for your projects. Don't hesitate to email me with questions, concerns, or comments so that I can continually work to make the core a fantastic resource for your science!
I am working to grow a collection of video and pdf tutorials available for each piece of equipment with links located in the iLabs scheduler. Keep a look out for new links and if you need one a specific tutorial, let me know. And if you would like to volunteer to make a video tutorial, let me know too!
Sincerely,
Sharina Palencia Desai, PhD
spdesai@salud.unm.edu

Don't forget to cite AIM CoBRE!
The AIM center is supported by NIH grant P20GM121176

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