AGENDA

Cytation 3 Multi-Mode Cell Imager: Practical Applications for Imaging and Quantification of Cell-Based Assays

Training week (September 18 – 20):

The Cytation 3 Multi-Mode imager training will be provided by experts from BioTek (**Anna Weichert**, PhD and **Amanda Herberger**, PhD) in collaboration with BioLab, OICR (V. **Peltekova**, PhD)

Wednesday, September 18th

I. **Introduction and Overview of Use of Cytation-3 for Imaging and Quantification of Cell-Based Assays** (lecture)
   - Time: 1:00 pm - 1:30 pm
     Location: BR 6-11/12 (AV recording)

Everyone (external and internal) is welcomed. Registration via Eventbrite (click here).

II. **Hands-on Gen5 imaging (wound healing, proliferation and cytotoxicity) sessions on Cytation 3 Imager** (3 sessions).
   - Time: 1:30pm - 2:30pm Wound Healing
   - Time: 2:30pm - 3:30pm Cytotoxicity
   - Time: 3:30pm - 4:30pm Cell Proliferation

Location: BioLab, Cell Culture Room 6-63, at the instrument site
If time permits imaging of subcellular localization/interaction can be included.

Thursday and Friday, September 19th - 20th

I. Continue on AutoScratch Demo Unit
(Doodle pole will be provided to book time slots on the instrument)
   - Time: 9:00am - 4:00pm
     Location: BioLab
     Instructor: Amanda Herberger

II. One-on-one time need to be scheduled with users and BioTek experts for assisting with Gen5 software and analysis (Doodle pole will be provided to book 1:1 time with the expert)
   - Time: 9:00am - 4:00pm
     Location: BioLab
     Instructor: Amanda Herberger

Friday, September 27th

Follow-up Lunch and Learn Session (FLLS): Analysis review and ppt presentations by the workshops' participants.
This event is mandatory for all participants of the workshop
   - Time: 12:00pm - 1:00pm
     Location: BR (TBA)

Additional Info related to the training and demo Instrument availability:

Instrument availability:
The AutoScatch Demo will be on site at the 6th Floor West Lab, OICR until September 20th, 2019. Any external users that wish to try the system during the course of the demo, need to contact Dr. Vanya Peltekova directly.

Reagents, Kits and Consumables:
For researchers interested in running the system, a free of imaging plates, will be provided by the BioTek/Corning for scratch assays (Corning 3598 96-well microplates, part # 02635 and Corning 3524 24-well microplates part # 02638. For proliferation and cytotoxicity assays the appropriate well as black fluorescence imaging plates will be provided. Call Vanya to request the plates.

Applications:
For more info on the instrument and supported applications, please, visit the website at:

- https://www.biotek.com/products/software-software/scratch-assay-app/
- Autoscratch Operation Manual
- Proliferation Assays Manual

Follow-Up Session:
The BioLab is coordinating a **mandatory FLLS** (Friday, September, 27th) with the users and BioTek experts from the demo sessions to provide instrument and software experience, troubleshooting, suggestions to ensure a successful outcome of the workshop.

Contacts:
For any info on the training session, please contact Vanya Peltekova (BioLab Operations, OICR) at Vanya.Peltekova@oicr.on.ca or text: 647-271-4327

For any info on BioTek service and applications, please contact: Anna Weichert weicherta@BioTek.com and Amanda Herberger herbergera@BioTek.com