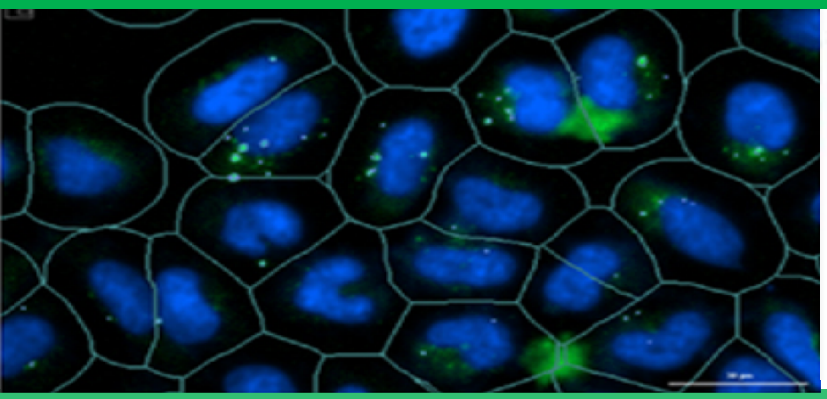
BIOLAB Workshop

Cell Imaging Seminar Series



Quantitative Intracellular and Intra-Nuclear Spot Analysis Using Cytation™ 3 Digital Microscopy

Abstract:
Various applications require quantifying the number of "spots" per cell, including DNA damage, phagosomes, endosomes, exosomes or mitochondria. The workshop will cover the imaging capabilities of Gen5™ software of Cytation™ 3 imager for consistent and precise measurement of objects, in particular spot counts and spot size and how to use an automated image-based approach for rapid, spot quantification.

Key Features:

- Cytation™ 3 Cell Imaging Multi-Mode Reader
- Gen5™ Microplate Reader and Imager Software
- Demonstration of typical digital Microscopy Workflow
- Demonstration of the Spot Count Module for assays with punctate biology: e.g. exosomes, autophagosomes, liposomes, micronuclei, viral infections etc.

Speaker:
David Selvin, M.Sc.
Application Scientist, BioTek Instruments, Inc.
selvind@biotek.com

Date:
February 13, 2018 ,

Time:
9:00 – 11:00 am

Location: ,
6th Floor West Lab, OICR ,

Event Organizers: ,
Vanya Peltekova, Ph.D. ,
Lead, BioLab, OICR ,

David Selvin, M.Sc. ,
BioTek, Instruments, Inc. ,

RSVP ,
RSVP by email: ,
vanya.peltekova@oicr.on.ca

BioTek® OICR Ontario Institute for Cancer Research