SEMINAR
Indiana CTSI Access Technology Program presents:

“Introduction to Functional Drug Screening System Technology”

Speaker: Yiwen Wang, Ph.D., Application Scientist, FDSS Systems
Hamamatsu Corporation

Hosted by: Chemical Genomics Facility (CGF)
Lan Chen, PhD, Manager
Purdue University

Friday, February 11
12:00 pm – 1:00 pm

Please register to receive the ZOOM meeting link:
https://iu.zoom.us/meeting/register/tZYocOuhrTopG9EfCJ0N7qsz1k5c-m605mZ

Description: Functional Drug Screening System (FDSS/µCELL) is a laboratory screening system that allows simultaneous measurement and analysis of the kinetics of samples generating fluorescence or luminescence signals in all wells of a 96- or 384-well plate at the time of compound addition. Screening various compounds in a high-throughput fashion is enabled by measurements under the same conditions with no time lag between wells. FDSS is a perfect tool to study GPCR, ion channels and iPS cells. This seminar will introduce the principles, features and typical applications of the FDSS µCELL system available at the Chemical Genomics Facility.

Disclosure Summary
The Access Technology Program provides investigators access and guidance in using novel technologies and Core Services. Services and views presented belong solely to the vendor; they do not necessarily reflect the views of the Indiana CTSI, Indiana University, Purdue University or University of Notre Dame.