

SEMINAR

Indiana CTSI Access Technology Program presents:

“Overview of Imaging Modalities at the ICBM”

Speaker: Malgorzata Kamocka, PhD, Facility Director
Indiana Center for Biological Microscopy

Hosted by: Indiana Center for Biological Microscopy (ICBM)
Ken Dunn, PhD, ICBM Director
IU School of Medicine

Friday, December 1
12:00 pm – 1:00 pm

Please register to receive the ZOOM meeting link:

https://iu.zoom.us/meeting/register/tZArcuusrTgsGdEgg4R6s1mAGBpSorxF_zG4

Description: We will provide an overview of the major imaging equipment available at the Indiana Center for Biological Microscopy and discuss imaging studies of live and fixed specimens using modalities such as widefield, confocal, multiphoton, and fluorescence lifetime imaging microscopy. We will present various techniques for studying histological structure and its complexity, physiological function, protein interactions, protein degradation, and biomarker signatures. We will also discuss data analysis and image processing tools available at the Center. The ICBM is a vital research core facility supporting numerous laboratories in Indiana, providing guidance on the design, conduct, analysis, and interpretation of imaging studies.

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.