



Brown Bag Seminar March 1, 1pm. Bldg. 37 6041/60107

Harsh Vishwasrao, AIM Operating Director

The Advanced Imaging & Microscopy (AIM) Resource is a trans-NIH shared resource that houses, operates, disseminates, and improves non-commercial, prototype optical imaging systems built or developed at the NIH.

Our current portfolio of imaging technologies includes high speed structured illumination (with TIRF) imaging, high resolution light sheet imaging, large sample/cleared tissue light sheet imaging, and single molecule TIRF/inclined illumination imaging. This portfolio is constantly evolving to provide biologists with imaging capabilities not available elsewhere, and will soon include interferometric photoactivated localization microscopy, high throughput single molecule microscopy, and applications of high performance computing and machine learning to image processing.