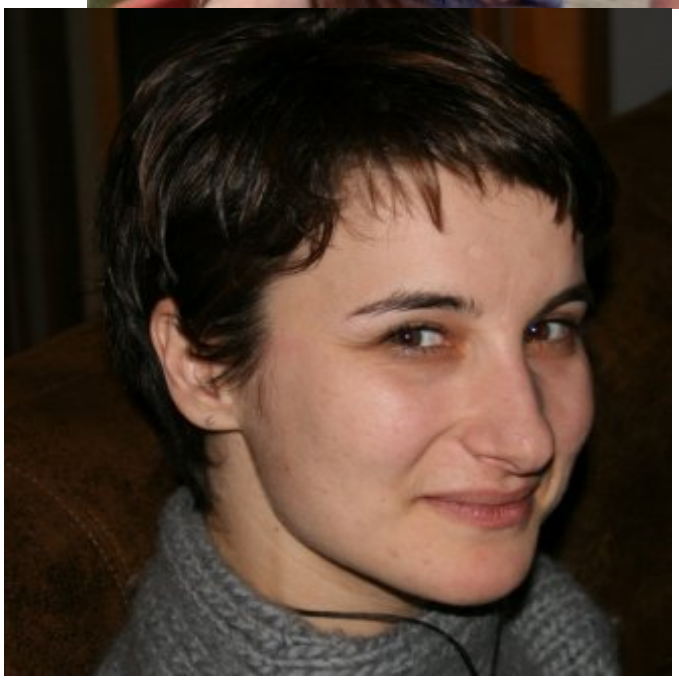
BioImaging Facility

- The facility has reopened. Masks are no longer required
- Reserving equipment at **http://bookit.hunter.cuny.edu** prior to use is **mandatory**



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Description of the Facility

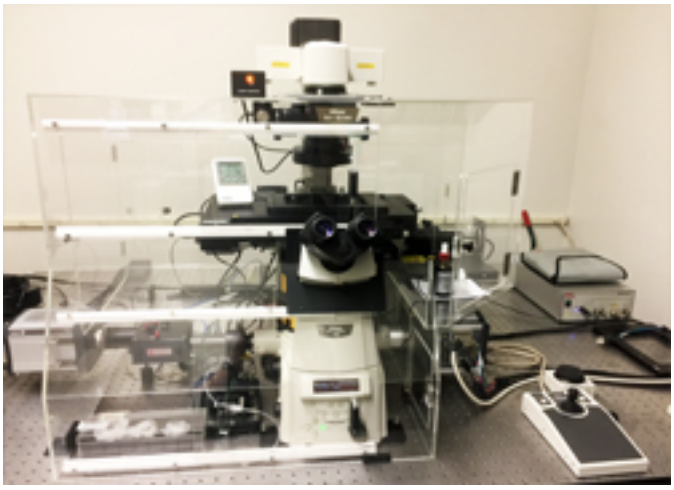
Background Overview

The BioImaging Facility at Hunter College is centered in a multi-room facility of 1024 sq. ft. located in the Biological Sciences Department on the 8th Floor of Hunter North building. A satellite facility also includes a number of instruments on the 4th Floor of the Belfer Research building (at 69th Street and York Ave). Faculty and students have access to a broad spectrum of instruments, ranging from simple white light wide-field microscopes to fluorescent multidimensional super-resolution and confocal imaging systems. The Faculty supervisor and Scientific Director is Dr. Diana P. Bratu. Dr. Lloyd Williams is the Managing Director of the facility. The facility staff has expertise in many areas of microscopy including the laser scanning confocal microscopy, super-resolution microscopy, two-photon microscopy. They are also

familiar with many image analysis software packages, including, Imaris, Volocity, Autoquant, MetaMorph, and NIS-Elements. Detailed descriptions of the equipment in the facility is given below. All equipment is located at Rm 826 HN or at the 4th floor of the Belfer Research Building where designated

To book time on any of the instrumets go to **http://bookit.hunter.cuny.edu**

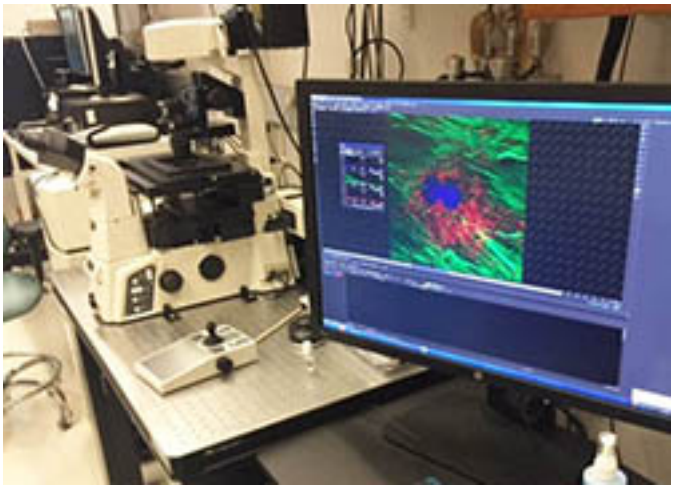
Instruments



Nikon Eclipse Ti, TIRF/SIM

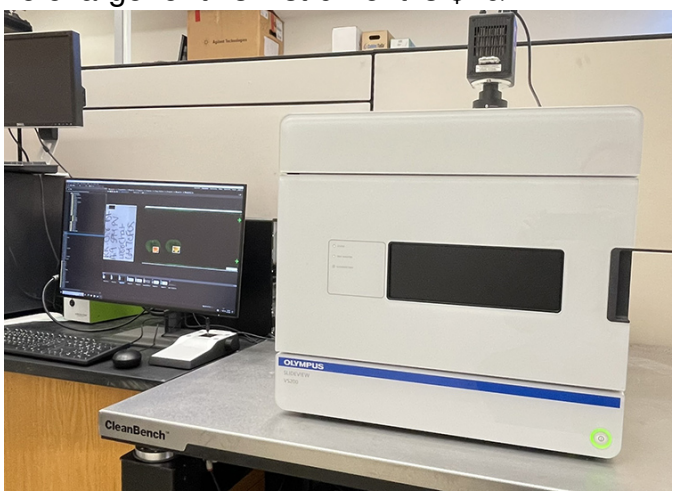
The Nikon TIRF SIM microscope allows the users to do both Total Internal Reflection Microscopy ar

This machine is in 826HN
The charge for this instrument is $20/hr.



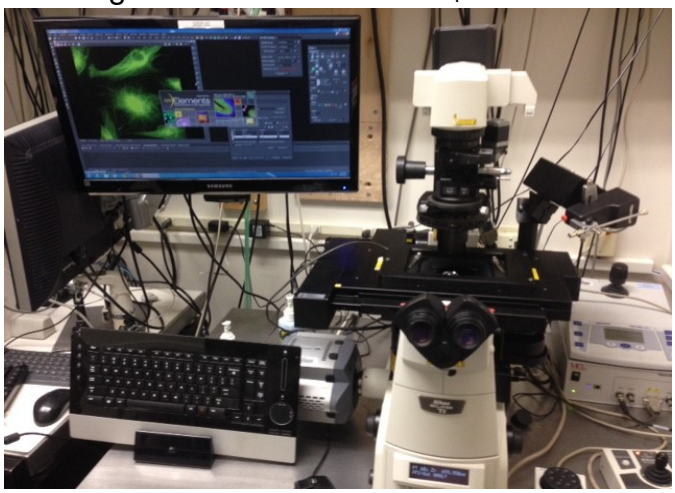
Belfer Nikon A1 Confocal Microscope

The Nikon A1 Confocal microscope is Nikon's powerful fully-automated confocal imaging system, ca
The charge for this instrument is $20/hr.



Olympus VS200 Slide Scanner

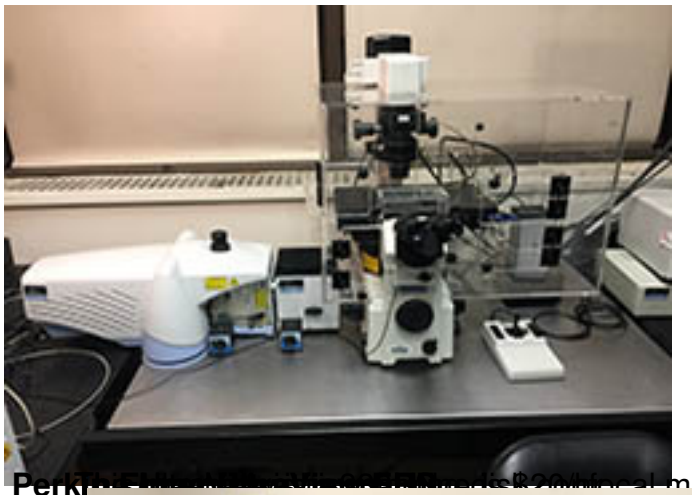
The SLIDEVIEW™ VS200 research slide scanner enables you to capture high-resolution images of
The charge for this instrument is $20/hr.



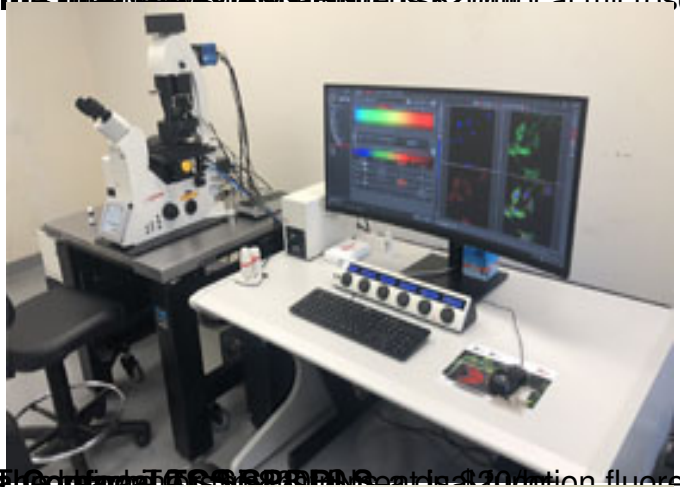
Nikon Eclipse Ti Mosaic System

The Nikon Eclipse Ti scope is a wide-field fluorescent microscope. It is equipped with Andor iXon El

This machine is in 826HN
The charge for this instrument is $15/hr.

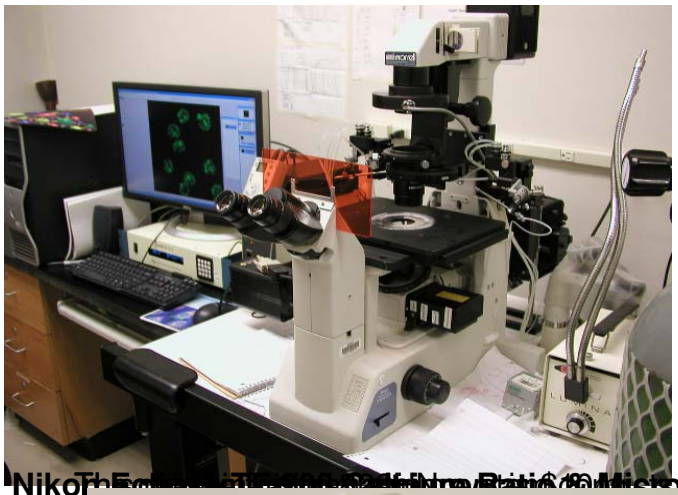


Perki microscope equipped with five laser lines, which allow visu



Leica escence microscope that can be used as a conventi

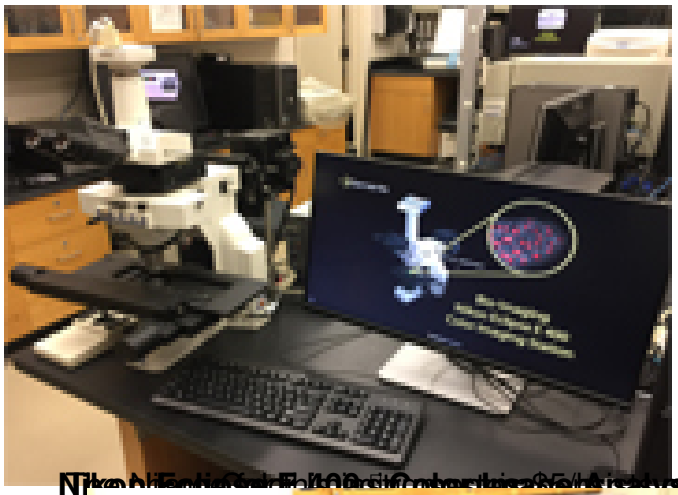
Leica Confocal Microscope can do measurements of transmitted l



Nikon Eclipse TE 200 inverted epifluorescence micr

B Engine solid state light source and a Nikon DigiSight c

JEOL JEM-100CX an advanced high-performance electron m



Nikon A1 confocal microscope system on an Eclipse E400 upright microscope, and Nikon D

Imaris 8.4.1 workstation with Bitplane's Imaris Imaging software instal

Imaris 8.4.2 workstation with Bitplane's Imaris Imaging software ir

Auto

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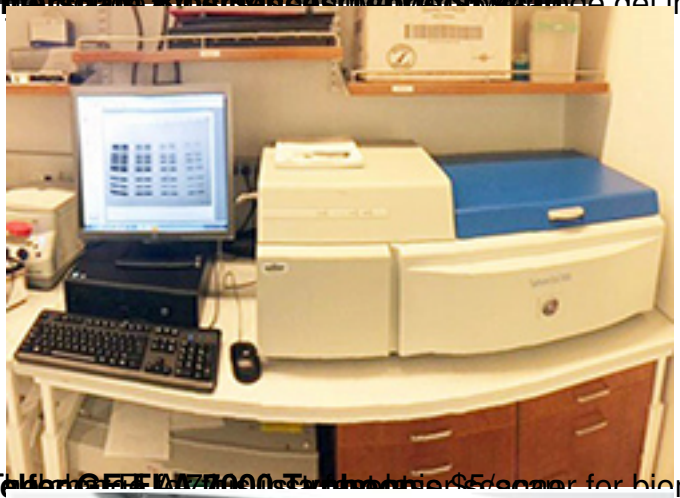
A imager. The Typhoon 9410 unites the ability to dete



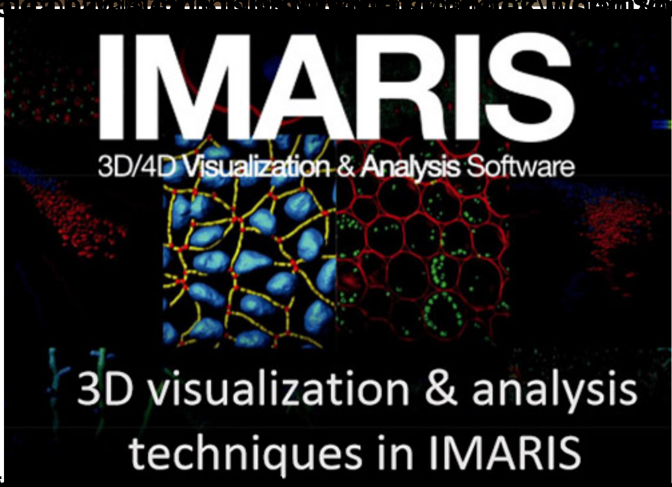
B molecular imaging applications including sensitive a

O methods of analyzing western blots, chemiluminescence, and flu

for maximum speed in both 96- and 384-well plate formats

for making: absorbance, fluorescence, luminescen

Microplate Luminometer is a state-of-the-art Microplate Lu


IMARIS
3D/4D Visualization & Analysis Software
3D visualization & analysis
techniques in IMARIS