Biolmaging Facility

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





Managing Director

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Description of the Facility

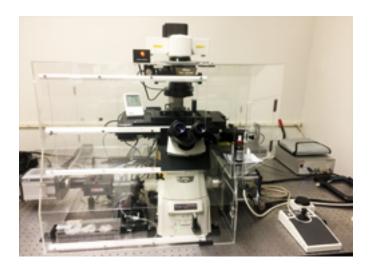
Background Overview

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

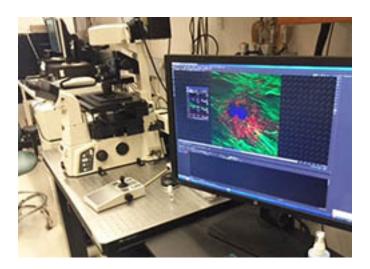
Instruments



Nikon Eclipse Ti, TIRF/SIM

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

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



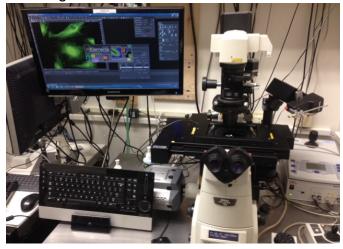
Belfer Nikon A1 Confocal Microscope

The Nikon A1 Confocal microscope is Nikon's powerful fully-automated confocal imaging system, carried 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.

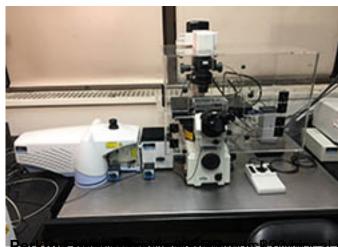


Nikon Eclipse Ti Mosaic System

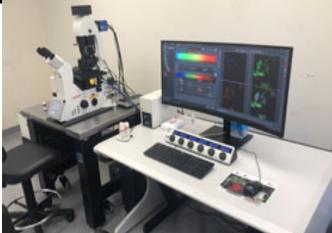
The Nikon Eclipse Ti scope is a wide-field fluorescent microscope. It is equipped with Andor iXon E

This machine is in 826HN

The charge for this instrument is \$15/hr.



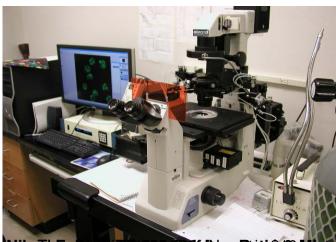
picroscope equipped with five laser lines, which allow vis



fluorescence microscope that can be used as a convent



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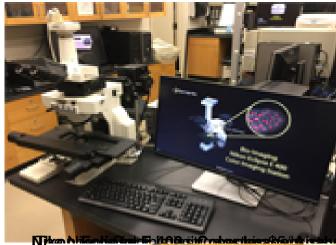
dhia this on Eclipse TE 200 inverted epifluorescence mic



pengine solid state light source and a Nikon DigiSight



JEOL JEM-100C/CX (Fransmissission delectronical scope open advanced high-performance electron m



fie **Skaterfi**clipse E400 upright microscope, and Nikon D



station with Bitplane's Imaris Imaging software insta



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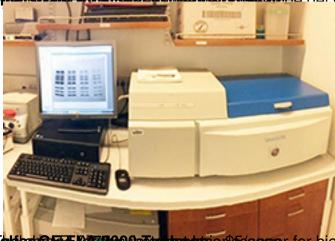
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Gen Microplate Spectras/125060 amete EM Microplate Spectrofluorometer features top and bott



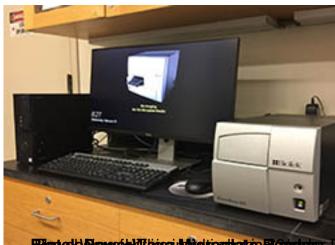
a gel imager. The Typhoon 9410 unites the ability to dete



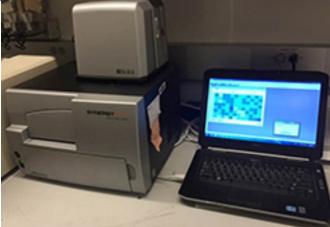
molecular imaging applications including sensitive a



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Blad add Dancock HT biscoi delic triandle this br maximum speed in both 96- and 384-well plate formats



for making: absorbance, fluorescence, luminescer



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