

# SCOPE

Sanderson Center for Optical Experimentation

## User Fees

FY2024

### Billing and Reservations

All microscopes can be reserved through [scope.bookedscheduler.com](http://scope.bookedscheduler.com). Monthly bills will be issued based on bookedscheduler reservation records. Microscope use will be confirmed by tracking computer log-on/log-off information and ID badge swipes into the instrument rooms. It is the USER'S RESPONSIBILITY to cancel reservations through bookedscheduler or by notifying the director within 24 hours of the reservation to avoid charges.

### Instrument Use Fees

<b><u>Tier 0 SCOPE instrumentation: Leica STELLARIS 8 STED and 2 photon microscopes</u></b>	<u>Hourly fee</u>	<u>Maximum billed per calendar day</u>
Internal UMMS investigators	\$78.75	\$393.75
External academic investigators	\$110.25	\$551.25
Commercial Users	\$165.90	N/A

<b><u>Tier 1 SCOPE instrumentation: Leica SP8 confocal with Lightning</u></b>	<u>Hourly fee</u>	<u>Maximum billed per calendar day</u>
Internal UMMS investigators	\$66.15	\$330.75
External academic investigators	\$91.35	\$456.75
Commercial Users	\$131.25	N/A

<b><u>Tier 2 SCOPE instrumentation: Nikon A1 confocal, Leica MICA</u></b>	<u>Hourly fee</u>	<u>Maximum billed per calendar day</u>
Internal UMMS investigators	\$44.10	\$220.50
External academic investigators	\$66.15	\$330.75
Commercial Users	\$110.25	N/A

<b><u>Tier 3 SCOPE resources: Delta Vision Widefield microscope (ASC8); Nikon A1 widefield, Incucyte SX5, and MICA</u></b>	<u>Hourly fee</u>	<u>Maximum billed per calendar day</u>
Internal UMMS investigators	\$22.05	\$110.25
External academic investigators	\$33.60	\$165.90
Commercial Users	\$45.15	N/A

Questions? Contact Christina Baer at [Christina.Baer@umassmed.edu](mailto:Christina.Baer@umassmed.edu) or x6-6024

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<b>Tier 4 SCOPE resources: widefield fluorescence microscopes and image processing workstations, Incucyte and MICA use longer than 5 days</b>	<u>Hourly fee</u>	<u>Maximum billed per calendar day</u>
Internal UMMS investigators	\$9.45	\$44.10
External academic investigators	\$16.80	\$82.95
Commercial Users	\$28.35	N/A

<b><u>Staff time:</u></b>	Staff time for assisted imaging; image analysis assistance including ImageJ macro, Cellprofiler pipeline and Stratquest app development; microscope technical consultations, instrument service and custom microscope construction (instrument design, construction, user training and service).	
	<u>Technician time per hour</u>	<u>Director time per hour</u>
Internal UMMS investigators	\$132.00	\$150.00
External academic investigators	\$180.00	\$200.00
Commercial users	\$210.00	\$250.00

<b><u>Training fees</u></b> - includes 2 hours of assisted imaging + 1 hour unassisted	
Internal UMMS investigators	\$330.75
External academic investigators	\$447.30
Commercial users	\$661.50

**Assisted Imaging:** The SCOPE staff provides imaging services to users who do not wish to be individually trained on the instruments. Assisted imaging is billed at the appropriate staff hourly rate PLUS the instrument hourly use fee for all projects.

**Pilot Programs:** Pilot programs are preliminary studies conducted to evaluate feasibility, time, cost, and test fluorophore settings of prepared samples. Investigators may request a pilot study to improve upon experiment design prior to the beginning of a research project or to gather preliminary data for a grant. Please contact the SCOPE directly to book time for such studies. Imaging will occur for 2 hours free of charge, after that time, normal charges will apply. Limited to two pilot projects per lab annually.

## **SCOPE imaging services**

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Slide scanning			Additional fees		
Per slide, 20x scan	Color (H&E, DAB)	Fluorescence	Extended z-stack	Area >150 mm <sup>2</sup>	40x and 63x mag
Internal	\$13.39	\$16.54	\$5.51	\$5.51	\$5.51
Ext academic	\$18.00	\$22.50	\$7.35	\$7.35	\$7.35
Commercial	\$24.53	\$30.60	\$9.77	\$9.77	\$9.77

Multiwell plate imaging, fluorescence only			Additional fees		
Per well, 20x scan	96 well plate	24 well plate	Extended z-stack	Area >150 mm <sup>2</sup>	40x and 63x mag
Internal	\$3.53	\$19.57	\$5.51	\$5.51	\$5.51
Ext academic	\$4.80	\$26.46	\$7.35	\$7.35	\$7.35
Commercial	\$6.53	\$35.77	\$9.77	\$9.77	\$9.77

Scientific support time	Technician time per hour	Director time per hour
Internal	\$132.00	\$150.00
Ext academic	\$180.00	\$200.00
Commercial	\$210.00	\$250.00

Data processing computer time per hour	
Internal	\$9.45
Ext academic	\$16.80
Commercial	\$28.35

The SCOPE is pleased to offer MERFISH spatial transcriptomics as a service on our Vizgen Alpha, Vizgen MERSCOPE, and NanoString GeoMx instruments. Pricing is handled on a per project basis, please contact us for details.

*\*\*MERFISH and GeoMx require specialized reagents for sample preparation. Labs are responsible for the separate cost of the probe sets, for additional reagents for sample preparation and for the cost of cell boundary or antibody staining kits as desired. SCOPE services do not include tissue sectioning. Please contact the SCOPE directly before planning any spatial biology experiments for assistance with planning and sample preparation protocol.*

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