

Resource Summary Report

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Texas A and M University Microscopy and Imaging Center Core Facility

RRID:SCR_022128

Type: Tool

Proper Citation

Texas A and M University Microscopy and Imaging Center Core Facility
(RRID:SCR_022128)

Resource Information

URL: <https://microscopy.tamu.edu/>

Proper Citation: Texas A and M University Microscopy and Imaging Center Core Facility
(RRID:SCR_022128)

Description: Core with expertise in Transmission Electron Microscopy, Scanning Electron Microscopy, Light Microscopy, and supporting instruments. Staff members provide quality training and education through sessions, short courses, formal courses, open house seminars, and more.

Abbreviations: MIC

Synonyms: TAMU-Microscopy and Imaging Center, Texas A&M University TAMU-Microscopy and Imaging Center

Resource Type: core facility, service resource, access service resource

Keywords: USEDit, ABRF, Transmission Electron Microscopy, Scanning Electron Microscopy, Light Microscopy

Availability: open

Resource Name: Texas A and M University Microscopy and Imaging Center Core Facility

Resource ID: SCR_022128

Alternate IDs: ABRF_1123

Alternate URLs: <https://coremarketplace.org/?FacilityID=1123>

Record Creation Time: 20220421T050138+0000

Ratings and Alerts

No rating or validation information has been found for Texas A and M University Microscopy and Imaging Center Core Facility.

No alerts have been found for Texas A and M University Microscopy and Imaging Center Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 60 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Sharma D, et al. (2026) Human iPSC-derived cardiac-specific extracellular matrix scaffolds for cardiomyocyte maturation and post-myocardial infarction repair. *Bioactive materials*, 55, 114.

Shaw MA, et al. (2026) Examining the Molecular Composition of Sub-10-nm Domains With Nano-Projectile Secondary Ion Mass Spectrometry. *Rapid communications in mass spectrometry : RCM*, 40(2), e10162.

Maynard SN, et al. (2025) The photosensitive endoplasmic reticulum-chloroplast contact site. *Journal of microscopy*, 297(3), 333.

Collier CA, et al. (2025) Persistent enteric neuroinflammation chronically impairs colonic motility in a pyridostigmine bromide-induced mouse model of Gulf War illness. *Biology open*, 14(6).

Yu CH, et al. (2025) Interrogation of mirror-image l-RNA-protein interactions reveals key mechanisms of single-stranded G-rich l-RNA cytotoxicity and a potential mitigation strategy. *Chemical science*, 16(17), 7560.

Dixon DT, et al. (2025) Hybrid Chitosan/PCL Shape Memory Scaffolds with Potential for Bone Regeneration and Infection Resistance. *ACS biomaterials science & engineering*, 11(9), 5627.

Benavides OR, et al. (2025) Seeing deep to map cell-biomaterial interactions via whole mount light sheet imaging and automated analytics in decellularized extracellular matrix models. *Biomaterials science*.

Sanchez J, et al. (2025) Assessment of chemical methods in the extraction of spore surface layers in *Clostridioides difficile* spores. *mSphere*, 10(10), e0053125.

Soukar J, et al. (2025) Nanomaterial-induced mitochondrial biogenesis enhances intercellular mitochondrial transfer efficiency. *Proceedings of the National Academy of Sciences of the United States of America*, 122(43), e2505237122.

Valencia-Toxqui G, et al. (2025) Isolation and characterization of biofilm-disrupting proteus phage Premi. *Scientific reports*, 15(1), 39780.

Hargett SE, et al. (2025) Nanoengineered Shape-Memory Hemostat. *Small science*, 5(2), 2400321.

Lokhande G, et al. (2025) Nanosilicates promote angiogenesis through activation of ROS-mediated WNT/??-catenin pathway. *Science advances*, 11(27), eado1223.

Acero REP, et al. (2025) Real-Time, Light-Activated, and Multiplexed Monitoring of Base Excision Repair in Living Cells Using Chimeric d/I-DNA Molecular Beacons. *ACS sensors*, 10(8), 5655.

Fisher SG, et al. (2025) Biopolymer and Carnauba Wax Coating for Improved Paper Oxygen Barrier, Water Vapor Barrier, and Grease Resistance. *ACS applied materials & interfaces*, 17(39), 55307.

Kalairaj MS, et al. (2025) Controlled Release of Microorganisms from Engineered Living Materials. *ACS applied materials & interfaces*, 17(28), 40326.

Sanchez J, et al. (2025) Assessment of chemical methods in the extraction of spore surface layers in *Clostridioides difficile* spores. *bioRxiv : the preprint server for biology*.

Smith DL, et al. (2025) Vibratory Ball Milling of Solid-State Flame-Retardant Polyelectrolyte Complex for Use in Polymer Emulsions. *Macromolecular rapid communications*, 46(22), e00442.

McManis A, et al. (2025) Understanding proneural-mesenchymal transition using patient-derived glioma stem-like cell (GSC) organoids and engineered extracellular matrix. *bioRxiv : the preprint server for biology*.

Reid SK, et al. (2025) Sex-dependent effects of peptidylarginine deiminases on neutrophil function and long-term outcomes after spinal cord injury. *Experimental neurology*, 393, 115414.

Joag S, et al. (2025) Ohmic Losses Dominated Electrode Fouling during Long-Term Aluminum Electrocoagulation of Hypersaline and Divalent Cation-Rich Oilfield-Produced Water. *ACS ES&T engineering*, 5(12), 3519.