

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: access service resource, core facility, 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 68 mentions in open access literature.

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

Deshpande S, et al. (2026) Block Copolymer-Enabled Low-Temperature Structural Battery Electrolytes Produced Using Polymerization-Induced Phase Separation. ACS applied materials & interfaces, 18(10), 15599.

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.

McManis A, et al. (2026) Understanding Glioblastoma Dynamics Using 3D Organoids and Engineered Extracellular Matrix. Advanced science (Weinheim, Baden-Wurtemberg, Germany), 13(24), e22926.

Banavath R, et al. (2026) Graphene oxide synthesis at a nonthermal plasma-water interface. Nature communications, 17(1).

Debrah MA, et al. (2026) Complete genome sequence of Escherichia Siphophage Serwaa. Microbiology resource announcements, 15(7), e0122225.

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.

Hernández JN, et al. (2026) Biodegradable poly(?-caprolactone)/poly(silyl fumarate) shape memory scaffolds. Polymer, 348.

Hoxha EM, et al. (2026) The complete genome sequence of Caulobacter phages Senya and Shash. Microbiology resource announcements, e0045726.

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.

Reid SK, et al. (2025) Recombinant human DNase treatment mitigates extracellular trap mediated damage and improves long-term recovery after spinal cord injury in male mice. *Brain, behavior, and immunity*, 128, 456.

Tan AL, et al. (2025) Microbial communities experienced during early development shape the host immune system and epigenome. *iScience*, 28(11), 113767.

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).

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

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.

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.

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

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*.

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.

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