

Resource Summary Report

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University of Texas at Austin Microscopy and Flow Cytometry Core Facility

RRID:SCR_021756

Type: Tool

Proper Citation

University of Texas at Austin Microscopy and Flow Cytometry Core Facility
(RRID:SCR_021756)

Resource Information

URL: <https://research.utexas.edu/cbrs/cores/mfc/>

Proper Citation: University of Texas at Austin Microscopy and Flow Cytometry Core Facility (RRID:SCR_021756)

Description: Provides light microscopy and flow cytometry equipment and services for ultra structural analysis of variety of sample types. Offers assisted use and training on its instrumentation and consultations on related research. Provides access to both standard and high-end imaging instrumentation to all levels of users.

Abbreviations: CBRS MFC

Synonyms: Center for Biomedical Research Support Microscopy and Imaging Core Facility, Microscopy and Flow Cytometry Facility University of Texas at Austin, Center for Biomedical Research Support Microscopy and Imaging Facility at UT Austin

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

Keywords: USEDit, ABRF, microscopy equipment, microscopy services, ultra structural analysis, fluorescence, flow cytometry, confocal, cell sorter

Resource Name: University of Texas at Austin Microscopy and Flow Cytometry Core Facility

Resource ID: SCR_021756

Alternate IDs: ABRF_1222

Alternate URLs: <https://coremarketplace.org/?FacilityID=1222>

Record Creation Time: 20220129T080357+0000

Ratings and Alerts

No rating or validation information has been found for University of Texas at Austin Microscopy and Flow Cytometry Core Facility.

No alerts have been found for University of Texas at Austin Microscopy and Flow Cytometry Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 101 mentions in open access literature.

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

Nuncio ASP, et al. (2026) High-Dose Ethanol-Induced Immunosuppression Modulates Sex-Specific Disease Outcomes in a Murine Model of Multiple Sclerosis. *Biomolecules*, 16(3).

Momtahan N, et al. (2026) Connexin 43-Enriched Vesicles Improve Synchronization in hiPSC-Derived Cardiomyocytes. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(33), e21032.

Pike A, et al. (2026) Deep mutational scan of the pore of the cold-sensing TRPM8 channel. *bioRxiv : the preprint server for biology*.

Aldrich JC, et al. (2026) DLK inhibition has sex-specific effects on neuroprotection and locomotor recovery after spinal cord injury. *Experimental neurology*, 399, 115681.

Silva Cerqueira AE, et al. (2026) *Neffella xylocopae* gen. nov., sp. nov., a novel host-specific gut symbiont of *Xylocopa* carpenter bees in the family Orbaceae. *International journal of systematic and evolutionary microbiology*, 76(7).

Stern B, et al. (2026) Dynamic stiffening to improve vasculogenesis of hiPSC-Derived endothelial progenitors. *Biomaterials*, 336, 124460.

Halwachs KN, et al. (2026) Tuning scaffold degradation with non-natural peptidomimetics to control human umbilical vein endothelial cell morphology and vessel formation. *Acta biomaterialia*, 217, 198.

Sheehan DE, et al. (2026) Chain Length as a Molecular Determinant of Hydrogen-Bond Dynamics in Biocondensates. *The journal of physical chemistry letters*, 17(22), 6349.

Moreau A, et al. (2025) Surface remodeling and inversion of cell-matrix interactions underlie community recognition and dispersal in *Vibrio cholerae* biofilms. *Nature*

communications, 16(1), 327.

Kamra M, et al. (2025) Ketomimetic nutrients remodel the glycocalyx and trigger a metabolic defense in breast cancer cells. *Cancer & metabolism*, 13(1), 18.

West TM, et al. (2025) Multicellularity, Culture Duration, and Hydrogel Stiffness Guide Induced Pluripotent Stem Cell-Derived Endothelial Progenitor Cell Contractility. *bioRxiv* : the preprint server for biology.

Halwachs KN, et al. (2025) Tuning Scaffold Degradation with Non-Natural Peptidomimetics to Control Human Umbilical Vein Endothelial Cell Morphology and Vessel Formation. *bioRxiv* : the preprint server for biology.

Ghatpande V, et al. (2025) Developmental and transcriptional programs that define the initiation of the forelimb. *bioRxiv* : the preprint server for biology.

Ma Y, et al. (2025) Highly selective DNA aptamer sensor for intracellular detection of coenzyme A. *Chemical science*, 16(18), 8023.

Maeda GP, et al. (2025) Heritable symbiont producing nonribosomal peptide confers extreme heat sensitivity and antifungal protection on its host. *Proceedings of the National Academy of Sciences of the United States of America*, 122(26), e2509873122.

Gardner AL, et al. (2025) Mapping cell-cell fusion at single-cell resolution. *bioRxiv* : the preprint server for biology.

Quiñones-Díaz BI, et al. (2025) High-Throughput Microfluidic Technologies for Rapidly Screening Pollutant-Induced Cell Health Effects. *ACS bio & med chem Au*, 5(5), 860.

Song Y, et al. (2025) Colibactin produced by a honeybee symbiont defends against pathogens and shapes the gut community. *bioRxiv* : the preprint server for biology.

Leach LL, et al. (2025) Interleukin-34 and debris clearance by mononuclear phagocytes drive retinal pigment epithelium regeneration in zebrafish. *bioRxiv* : the preprint server for biology.

Chung MC, et al. (2025) Multi-Step Assembly of an RNA-Liposome Nanoparticle Formulation Revealed by Real-Time, Single-Particle Quantitative Imaging. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(12), e2414305.