

Resource Summary Report

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University of California at San Diego Electron Microscopy Core Facility

RRID:SCR_022039

Type: Tool

Proper Citation

University of California at San Diego Electron Microscopy Core Facility
(RRID:SCR_022039)

Resource Information

URL: <https://emcore.ucsd.edu/>

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Description: UCSD Cellular and Molecular Medicine Electron Microscopy core provides services in sample preparation and imaging by Transmission Electron Microscopy and Correlative Light and Electron Microscopy.

Abbreviations: UCSD-CMM

Synonyms: UCSD-CMM-Electron Microscopy Core

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

Keywords: USEDit, ABRF, imaging service, sample preparation service, Transmission Electron Microscopy

Resource Name: University of California at San Diego Electron Microscopy Core Facility

Resource ID: SCR_022039

Alternate IDs: ABRF_1324

Alternate URLs: <https://coremarketplace.org/?FacilityID=1324>

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260905T133424+0000

Ratings and Alerts

No rating or validation information has been found for University of California at San Diego Electron Microscopy Core Facility.

No alerts have been found for University of California at San Diego Electron Microscopy Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 97 mentions in open access literature.

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

Gadbois GE, et al. (2026) A Degron Decoy System Co-opts Pathological Seeding to Enable Clearance of Multimeric τ -Synuclein. bioRxiv : the preprint server for biology.

Li X, et al. (2026) Activated ATF6 β is a hepatic tumour driver restricting immunosurveillance. Nature, 651(8106), 796.

Opdensteinen P, et al. (2026) Streamlined molecular farming of plant virus therapeutics for space flight and other low-resource environments. NPJ science of plants, 2(1), 16.

Ganguly S, et al. (2026) A Translational Model of MASLD-Associated HFpEF Defines Mitochondrial Dysfunction and Cardiac Plasticity During Disease Progression and Regression. bioRxiv : the preprint server for biology.

Reddy SS, et al. (2026) Host plant quality reshapes symbiotic organ architecture without altering symbiont density. iScience, 29(6), 115932.

Graham N, et al. (2026) Receptor-guided AAV Tropism Engineering via MATCH. bioRxiv : the preprint server for biology.

Krattli RP, et al. (2026) Comparing Functional Consequences of Human iPSC-Microglia and Neural Stem Cell-Derived Extracellular Vesicles in Mitigating Cognitive Decline in Alzheimer's Disease. Aging cell, 25(1), e70341.

Ma AM, et al. (2026) Drp1 regulates mitochondrial health and controls skeletal muscle mass through the Erk1/2-Nur77 pathway. Science advances, 12(19), eaec0795.

Pride D, et al. (2026) Antibiotic resistant Achromobacter xylosoxidans are highly susceptible to bacteriophages and often are killed synergistically by phage/antibiotic combinations. Research square.

Wang D, et al. (2026) Systemic delivery of synapsin-promoted caveolin-1 overexpression ameliorates pathological TDP-43-induced cognitive decline and neurodegenerative changes. Alzheimer's & dementia : the journal of the Alzheimer's Association, 22(5), e71450.

Mullick M, et al. (2026) An Endocytic Checkpoint Controls Macrophage PD-1 Function and Immunotherapy Fate. *bioRxiv : the preprint server for biology*.

Hudson C, et al. (2026) Human neural stem cell-derived extracellular vesicles improve cognitive function following glioma chemoradiation therapy. *Cancer letters*, 653, 218564.

Opdensteinen P, et al. (2026) Scalable Purification of Cowpea Chlorotic Mottle Virus (CCMV) and Its Bioconjugates From Plant Extracts Using Ultrafiltration. *Biotechnology journal*, 21(2), e70182.

Anandachar MS, et al. (2026) A NOD2-Encoded Toggle Switch Resolves the Host-Microbe Battle Over Cyclic AMP Control. *bioRxiv : the preprint server for biology*.

Halder M, et al. (2026) What's on the Surface? Silver Nanoparticle Fractal Assemblies and Their Impact on Catalysis. *Langmuir : the ACS journal of surfaces and colloids*, 42(20), 14480.

Eng VH, et al. (2026) Computational Design of a Highly Stable Dicopper Catechol Oxidase. *Journal of the American Chemical Society*, 148(8), 8361.

Wong B, et al. (2026) Early-onset neuroinflammation drives neurodegeneration caused by lysosomal PI(3,5)P2 insufficiency. *Neurobiology of disease*, 226, 107467.

Yau KPS, et al. (2026) Dual activation of NLRP3 and pyrin inflammasomes mediates host responses to the human fungal pathogen *Coccidioides*. *Nature communications*.

Sampaio Cruz M, et al. (2025) Overlapping functions between Lamp2a and Lamp2b in cardiac autophagy. *Autophagy*, 21(9), 2046.

Katkar GD, et al. (2025) Distinct colitis-associated macrophages drive NOD2-dependent bacterial sensing and gut homeostasis. *The Journal of clinical investigation*, 135(23).