

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: core facility, service resource, access 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: 20260731T043100+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 76 mentions in open access literature.

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

Kratzli 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.

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

Simms A, et al. (2025) Storage stability of cowpea mosaic virus cancer drug candidate - a two-year update. *Nanomedicine (London, England)*, 1.

Katkar GD, et al. (2025) Distinct Colitis-Associated Macrophages Drive NOD2-Dependent Bacterial Sensing and Gut Homeostasis. *bioRxiv : the preprint server for biology*.

Kannan H, et al. (2025) Spatiotemporal development of expanding bacterial colonies driven by emergent mechanical constraints and nutrient gradients. *Nature communications*, 16(1), 4878.

Stern ST, et al. (2025) Preclinical SC and IV repeat-dose toxicology of a cowpea mosaic virus - A cancer immunotherapy candidate. *Toxicology reports*, 14, 102022.

Amer L, et al. (2025) Mechanism of hierarchical plasmonic biomaterials engineered through peptide-directed self-assembly. *Aggregate (Hoboken, N.J.)*, 6(2).

Nguyen MB, et al. (2025) An infusible decellularized extracellular matrix material binds to vasculature in infarcted myocardium and induces pro-reparative gene expression following acute myocardial infarction through inherent avidity and bioactive signaling. *bioRxiv : the preprint server for biology*.

Bhide TM, et al. (2025) Precision dendritic-supramolecular glycan assemblies for probing multivalent lectin interactions. *Chemical science*, 16(30), 13636.

Homer CM, et al. (2025) Transcriptomic atlas throughout *Coccidioides* development reveals key phase-enriched transcripts of this important fungal pathogen. *PLoS biology*, 23(4), e3003066.

Levesque AV, et al. (2025) Complete genome sequence of bacteriophages Merry and Sunny infecting *Microbacterium chocolatum* strain GAI20246-6 isolated from an outdoor commercial algal pond. *Microbiology resource announcements*, 14(11), e0076724.

Friese S, et al. (2025) AAV Kills Dividing Cells by Depleting PARP1 and Other DNA Damage Response Proteins. *bioRxiv : the preprint server for biology*.

Chen A, et al. (2025) Elucidating Mechanisms of Gelation, Fiber Assembly, and Stability of Injectable Decellularized Extracellular Matrix Biomaterials. *Biopolymers*, 116(4), e70037.

Opdensteinen P, et al. (2025) Toward Translation of Cowpea Mosaic Virus Intratumoral Immunotherapy With a Scalable Production Process. *Plant biotechnology journal*.

Bj??nes E, et al. (2025) STING-adjuvanted outer membrane vesicle nanoparticle vaccine against *Pseudomonas aeruginosa*. *JCI insight*, 10(17).

Ghatbale P, et al. (2025) In vitro resensitization of multidrug-resistant clinical isolates of *Enterococcus faecium* and *E. faecalis* through phage-antibiotic synergy. *Antimicrobial agents and chemotherapy*, 69(2), e0074024.

Beccari MS, et al. (2025) Stathmin-2 enhances motor axon regeneration after injury independent of its binding to tubulin. *Proceedings of the National Academy of Sciences of the United States of America*, 122(21), e2502294122.

Retout M, et al. (2025) Activatable Photoacoustic Probe for Imaging Infection: Gold Nanorod Dissociation In Vivo Reports Bacterial Protease Activity. *ACS nano*, 19(12), 12041.

Simms A, et al. (2025) STING Agonist-Loaded Physalis Mottle Virus-like Particles as a Potent Prophylactic for Metastatic Melanoma. *ACS applied materials & interfaces*, 17(32), 45613.

Yang Y, et al. (2025) Targeted inhibition of pathobiont virulence factor mitigates alcohol-associated liver disease. *Cell host & microbe*, 33(6), 957.