

Resource Summary Report

Generated by RRID on May 15, 2025

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: service resource, core facility, access service resource

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

Funding:

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: 20250514T061925+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 45 mentions in open access literature.

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

Xia W, et al. (2024) Obesity causes mitochondrial fragmentation and dysfunction in white adipocytes due to RalA activation. *Nature metabolism*, 6(2), 273.

Venkatraman K, et al. (2024) Cardiolipin remodeling maintains the inner mitochondrial membrane in cells with saturated lipidomes. *Journal of lipid research*, 65(8), 100601.

González-Gamboa I, et al. (2024) Inter-coat protein loading of active ingredients into Tobacco mild green mosaic virus through partial dissociation and reassembly of the virion. *Scientific reports*, 14(1), 7168.

Li M, et al. (2024) Reduction of hemagglutination induced by a SARS-CoV-2 spike protein fragment using an amyloid-binding benzothiazole amphiphile. *Scientific reports*, 14(1), 12317.

Oles RE, et al. (2024) Pathogenic *Bacteroides fragilis* strains can emerge from gut-resident commensals. *bioRxiv : the preprint server for biology*.

Homer CM, et al. (2024) Transcriptomic atlas of the morphologic development of the fungal pathogen *Coccidioides* reveals key phase-enriched transcripts. *bioRxiv : the preprint server for biology*.

Omole AO, et al. (2024) Cellular fate of a plant virus immunotherapy candidate. *Communications biology*, 7(1), 1382.

Simms A, et al. (2024) Cowpea mosaic virus intratumoral immunotherapy maintains stability and efficacy after long-term storage. *Bioengineering & translational medicine*, 9(6), e10693.

Affonso de Oliveira JF, et al. (2024) Plant Virus Intratumoral Immunotherapy with CPMV and PVX Elicits Durable Antitumor Immunity in a Mouse Model of Diffuse Large B-Cell Lymphoma. *Molecular pharmaceutics*, 21(12), 6206.

Zhou Z, et al. (2024) Drp1 controls complex II assembly and skeletal muscle metabolism by Sdhaf2 action on mitochondria. *Science advances*, 10(14), eadl0389.

Guo Z, et al. (2024) A genetically engineered neuronal membrane-based nanotoxoid elicits protective immunity against neurotoxins. *Bioactive materials*, 38, 321.

Karan S, et al. (2024) A Self-Amplifying Human Papillomavirus 16 Vaccine Candidate Delivered by Tobacco Mosaic Virus-Like Particles. *ACS applied bio materials*, 7(11), 7675.

Sutley-Koury SN, et al. (2024) EphB2 Signaling Is Implicated in Astrocyte-Mediated Parvalbumin Inhibitory Synapse Development. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(45).

Amer L, et al. (2024) Activatable prodrug for controlled release of an antimicrobial peptide via the proteases overexpressed in *Candida albicans* and *Porphyromonas gingivalis*. *Theranostics*, 14(4), 1781.

Lam B, et al. (2024) Matrix-Insensitive Sensor Arrays via Peptide-Coated Nanoparticles: Rapid Saliva Screening for Pathogens in Oral and Respiratory Diseases. *ACS applied materials & interfaces*, 16(49), 67362.

Geroyaska S, et al. (2024) N-Myristoyltransferase Inhibition Causes Mitochondrial Iron Overload and Parthanatos in TIM17A-Dependent Aggressive Lung Carcinoma. *Cancer research communications*, 4(7), 1815.

Zhou Z, et al. (2024) Macrophage-Mimicking Cellular Nanoparticles Scavenge Proinflammatory Cytokines in Specimens of Patients with Inflammatory Disorders. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(31), e2401423.

Islam MR, et al. (2024) DNA Delivery by Virus-Like Nanocarriers in Plant Cells. *Nano letters*, 24(26), 7833.

Watanabe R, et al. (2024) Intracellular Ebola virus nucleocapsid assembly revealed by in situ cryo-electron tomography. *Cell*, 187(20), 5587.

Kaneko K, et al. (2023) Identification of CD133+ intercellsomes in intercellular communication to offset intracellular signal deficit. *eLife*, 12.