Resource Summary Report

Generated by <u>dkNET</u> on May 23, 2025

Stanford University Cell Sciences Imaging Core Facility

RRID:SCR_017787 Type: Tool

Proper Citation

Stanford University Cell Sciences Imaging Core Facility (RRID:SCR_017787)

Resource Information

URL: http://microscopy.stanford.edu

Proper Citation: Stanford University Cell Sciences Imaging Core Facility (RRID:SCR_017787)

Description: Provides high resolution, light and electron microscopy technologies for imaging and analyzing molecular and structural organization of cells, tissue and bioengineered materials. Operates two sites at Stanford University: SOM Beckman Center CSIF and SOE Shriram Center CSIF.

Abbreviations: CSIF

Synonyms: Cell Sciences Imaging Facility

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

Keywords: Light, electron, microscopy, imaging, analyzing, molecular, structural, cell, tissue, service, core

Funding:

Availability: Open

Resource Name: Stanford University Cell Sciences Imaging Core Facility

Resource ID: SCR_017787

Alternate IDs: ABRF_397

Record Creation Time: 20220129T080337+0000

Record Last Update: 20250523T055257+0000

Ratings and Alerts

No rating or validation information has been found for Stanford University Cell Sciences Imaging Core Facility.

No alerts have been found for Stanford University Cell Sciences Imaging Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Sanders EN, et al. (2025) Organ injury accelerates stem cell differentiation by modulating a fate-transducing lateral inhibition circuit. bioRxiv : the preprint server for biology.

Miao W, et al. (2024) Glucose binds and activates NSUN2 to promote translation and epidermal differentiation. Nucleic acids research, 52(22), 13577.

Iram T, et al. (2024) SRF transcriptionally regulates the oligodendrocyte cytoskeleton during CNS myelination. Proceedings of the National Academy of Sciences of the United States of America, 121(12), e2307250121.

Haziza S, et al. (2024) Imaging high-frequency voltage dynamics in multiple neuron classes of behaving mammals. bioRxiv : the preprint server for biology.

Würstle S, et al. (2024) Optimized preparation pipeline for emergency phage therapy against Pseudomonas aeruginosa at Yale University. Scientific reports, 14(1), 2657.

Bailey C, et al. (2024) Origins and impact of extrachromosomal DNA. Nature, 635(8037), 193.

lyer M, et al. (2024) Oligodendrocyte calcium signaling promotes actin-dependent myelin sheath extension. Nature communications, 15(1), 265.

Karim M, et al. (2024) PIP4K2C inhibition reverses autophagic flux impairment induced by

SARS-CoV-2. bioRxiv : the preprint server for biology.

Li NY, et al. (2024) Basal-to-inflammatory transition and tumor resistance via crosstalk with a pro-inflammatory stromal niche. Nature communications, 15(1), 8134.

Andronov L, et al. (2024) Nanoscale cellular organization of viral RNA and proteins in SARS-CoV-2 replication organelles. Nature communications, 15(1), 4644.

Zhang KS, et al. (2024) SMORES: A Simple Microfluidic Operating Room for the Examination and Surgery of Stentor coeruleus. bioRxiv : the preprint server for biology.

Fan W, et al. (2024) Matrix viscoelasticity promotes liver cancer progression in the precirrhotic liver. Nature, 626(7999), 635.

Zhang KS, et al. (2024) SMORES: a simple microfluidic operating room for the examination and surgery of Stentor coeruleus. Scientific reports, 14(1), 8684.

Tang J, et al. (2024) Enhancing transcription-replication conflict targets ecDNA-positive cancers. Nature, 635(8037), 210.

Ghoochani A, et al. (2024) Cell-Type Resolved Protein Atlas of Brain Lysosomes Identifies SLC45A1-Associated Disease as a Lysosomal Disorder. bioRxiv : the preprint server for biology.

Bouchard EL, et al. (2024) Oligodendrocyte development and myelin sheath formation are regulated by the antagonistic interaction between the Rag-Ragulator complex and TFEB. Glia, 72(2), 289.

Wu X, et al. (2024) CD39 delineates chimeric antigen receptor regulatory T cell subsets with distinct cytotoxic & regulatory functions against human islets. Frontiers in immunology, 15, 1415102.

Kasse CM, et al. (2023) Subcutaneous delivery of an antibody against SARS-CoV-2 from a supramolecular hydrogel depot. Biomaterials science, 11(6), 2065.

Saul S, et al. (2023) Anticancer pan-ErbB inhibitors reduce inflammation and tissue injury and exert broad-spectrum antiviral effects. The Journal of clinical investigation, 133(19).

Zhang A, et al. (2023) Genetically targeted chemical assembly of polymers specifically localized extracellularly to surface membranes of living neurons. Science advances, 9(32), eadi1870.