

Resource Summary Report

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University of Arizona Imaging Cores Electron Core Facility

RRID:SCR_023279

Type: Tool

Proper Citation

University of Arizona Imaging Cores Electron Core Facility (RRID:SCR_023279)

Resource Information

URL: <https://research.arizona.edu/facilities/search/imaging-cores-electron-life-sciences-north>

Proper Citation: University of Arizona Imaging Cores Electron Core Facility (RRID:SCR_023279)

Description: Electron facility provides full Biological Transmission Electron Microscopy related research, consultation, and imaging services. Offers services using FEI Tecnai Spirit Transmission Electron Microscope.

Synonyms: Imaging Cores - Electron, University of Arizona Imaging Cores - Electron

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

Keywords: USEDit, ABRF, Biological Transmission Electron Microscopy, imaging services, FEI Tecnai Spirit Transmission Electron Microscope,

Availability: Open

Resource Name: University of Arizona Imaging Cores Electron Core Facility

Resource ID: SCR_023279

Alternate IDs: ABRF_1684

Alternate URLs: <https://coremarketplace.org/?FacilityID=1684&citation=1>

Record Creation Time: 20230214T050231+0000

Record Last Update: 20260810T040814+0000

Ratings and Alerts

No rating or validation information has been found for University of Arizona Imaging Cores Electron Core Facility.

No alerts have been found for University of Arizona Imaging Cores Electron Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Hoover Browne C, et al. (2026) Titin's P-zone domains A164-167 are essential for thick filament structural arrangement. The Journal of general physiology, 158(3).

Li W, et al. (2026) Boosting immunogenic tumour cell death via nanotherapeutic targeting of the Stanniocalcin 1 phagocytosis checkpoint for enhanced cancer immunotherapy. Nature communications, 17(1).

Shrestha L, et al. (2026) Cardiomyocyte derived extracellular mitochondria in activation of macrophages during oxidative stress. Cardiovascular research, 122(5), 593.

Bernard K, et al. (2026) Bioenergetic and protein processing imbalances in iPSC-dopamine neurons from individuals with idiopathic Parkinson's disease. Neurobiology of disease, 218, 107222.

Wang Q, et al. (2025) Cisplatin-Induced APE2 Overexpression Disrupts MYH9 Function and Causes Hearing Loss. Cancer research communications, 5(6), 994.

Gupta AK, et al. (2025) A kidney organoid-based readout to assess disease activity in primary and recurrent focal segmental glomerulosclerosis. Kidney international, 107(5), 888.

Thompson AD, et al. (2025) Lasmiditan induces mitochondrial biogenesis in primary mouse renal peritubular endothelial cells and augments wound healing and tubular network formation. American journal of physiology. Cell physiology, 328(4), C1318.

Santiago Raj PV, et al. (2025) MARY1 restores mitochondrial homeostasis and accelerates renal recovery following acute kidney injury. American journal of physiology. Renal physiology, 329(4), F411.

Santiago Raj PV, et al. (2025) Discovery of a Novel, Potent, and Selective 5-HT_{2B} Receptor Antagonist that Induces Mitochondrial Biogenesis in the Kidney. ACS pharmacology & translational science, 8(6), 1741.

Sutar Y, et al. (2025) Rilpivirine Ionic Liquid Nanoemulsion Augments the Oral Bioavailability of Rilpivirine and Its Delivery to the HIV Sanctuary Sites. ACS applied

materials & interfaces, 17(22), 31954.

Hurtado KA, et al. (2024) Mitophagy regulates mitochondrial number following pharmacological induction of mitochondrial biogenesis in renal proximal tubule cells. *Frontiers in pharmacology*, 15, 1344075.

Thota LNR, et al. (2023) The Pulmonary Endothelial Glycocalyx Modifications in Glypican 1 Knockout Mice Do Not Affect Lung Endothelial Function in Physiological Conditions. *International journal of molecular sciences*, 24(19).

Barefield DY, et al. (2023) Myosin-binding protein H-like regulates myosin-binding protein distribution and function in atrial cardiomyocytes. *Proceedings of the National Academy of Sciences of the United States of America*, 120(51), e2314920120.

Hurtado KA, et al. (2023) Lasmiditan restores mitochondrial quality control mechanisms and accelerates renal recovery after ischemia-reperfusion injury. *Biochemical pharmacology*, 218, 115855.