

Resource Summary Report

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Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility

RRID:SCR_021200

Type: Tool

Proper Citation

Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility
(RRID:SCR_021200)

Resource Information

URL: <https://research.med.psu.edu/core-facilities/transmission-electron-microscopy/>

Proper Citation: Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility (RRID:SCR_021200)

Description: Provides consultation and training in TEM imaging of biological, chemical, and materials science samples.

Synonyms: Transmission Electron Microscopy Facility at Penn State College of Medicine, TEM Facility at Penn State College of Medicine, TEM

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

Keywords: ABRF, consultation and training in TEM imaging, Transmission Electron Microscopy, imaging

Availability: open

Resource Name: Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility

Resource ID: SCR_021200

Alternate IDs: ABRF_1172

Alternate URLs: <https://coremarketplace.org/?FacilityID=1172>

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260731T043057+0000

Ratings and Alerts

No rating or validation information has been found for Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility.

No alerts have been found for Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Shaikh K, et al. (2025) ZFAND6 promotes TRAF2-dependent mitophagy to restrain cGAS-STING signaling. *iScience*, 28(1), 111544.

Kim SY, et al. (2025) Involvement of p38 MAPK and MAPKAPK2 in promoting cell death and the inflammatory response to ischemic stress associated with necrotic glioblastoma. *Cell death & disease*, 16(1), 12.

Mohanty S, et al. (2025) HTLV-1 Tax induces PINK1-Parkin-dependent mitophagy to mitigate activation of the cGAS-STING pathway. *bioRxiv : the preprint server for biology*.

Kumar A, et al. (2025) Cryo-EM structure of the brine shrimp mitochondrial ATP synthase suggests an inactivation mechanism for the ATP synthase leak channel. *Cell death and differentiation*, 32(8), 1518.

Chen Q, et al. (2025) Systems-level immunomonitoring in children with solid tumors to enable precision medicine. *Cell*, 188(5), 1425.

Dhoonmoon A, et al. (2025) Translesion-synthesis-mediated bypass of DNA lesions occurs predominantly behind replication forks restarted by PrimPol. *Cell reports*, 44(3), 115360.

Sunilkumar S, et al. (2025) Podocyte-Specific Expression of the Stress Response Protein REDD1 Is Necessary for Diabetes-Induced Podocytopenia. *Diabetes*, 74(3), 398.

Lu T, et al. (2024) LC3-associated phagocytosis of neutrophils triggers tumor ferroptotic cell death in glioblastoma. *The EMBO journal*, 43(13), 2582.

Hamamoto K, et al. (2024) Unveiling the physiological impact of ESCRT-dependent autophagosome closure by targeting the VPS37A ubiquitin E2 variant-like domain. *Cell reports*, 43(12), 115016.

Ayers KN, et al. (2024) The CD4 T cell-independent IgG response during persistent virus infection favors emergence of neutralization-escape variants. *bioRxiv : the preprint server for biology*.

Yau E, et al. (2024) SP-R210 isoforms of Myosin18A modulate endosomal sorting and recognition of influenza A virus infection in macrophages. *Microbes and infection*, 26(3), 105280.

Tang M, et al. (2024) Inhibition of thioredoxin reductase 1 sensitizes glucose-starved glioblastoma cells to disulfidptosis. *Cell death and differentiation*.

Evalt ED, et al. (2024) Endoplasmic reticulum stress alters myelin associated protein expression and extracellular vesicle composition in human oligodendrocytes. *Frontiers in molecular biosciences*, 11, 1432945.

Nusawardhana A, et al. (2024) USP1-dependent nucleolytic expansion of PRIMPOL-generated nascent DNA strand discontinuities during replication stress. *Nucleic acids research*, 52(5), 2340.

Bui V, et al. (2024) Blocking autophagosome closure manifests the roles of mammalian Atg8-family proteins in phagophore formation and expansion during nutrient starvation. *Autophagy*.

Jentink N, et al. (2023) Cryoelectron tomography reveals the multiplex anatomy of condensed native chromatin and its unfolding by histone citrullination. *Molecular cell*, 83(18), 3236.

Hale A, et al. (2023) Multi-step processing of replication stress-derived nascent strand DNA gaps by MRE11 and EXO1 nucleases. *Nature communications*, 14(1), 6265.

Sunilkumar S, et al. (2022) REDD1 Ablation Attenuates the Development of Renal Complications in Diabetic Mice. *Diabetes*, 71(11), 2412.

Schleicher EM, et al. (2022) The TIP60-ATM axis regulates replication fork stability in BRCA-deficient cells. *Oncogenesis*, 11(1), 33.

Khatib JB, et al. (2022) Complementary CRISPR genome-wide genetic screens in PARP10-knockout and overexpressing cells identify synthetic interactions for PARP10-mediated cellular survival. *Oncotarget*, 13, 1078.