

# Resource Summary Report

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## Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility

RRID:SCR\_021200

Type: Tool

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### Proper Citation

Penn State Hershey College of Medicine Transmission Electron Microscopy Core Facility  
(RRID:SCR\_021200)

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### 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:** access service resource, core facility, 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:** 20260905T133420+0000

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### 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Suklabaidya S, et al. (2026) Negative feedback regulation of STING signaling by TAX1BP1-directed Golgiphagy. Nature communications, 17(1).

Valkner CJ, et al. (2026) Negative cooperativity drives activity of capsid-directed antivirals against hepatitis B virus. Science advances, 12(24), eaed6483.

Amatya S, et al. (2026) Machine learning integrated extracellular vesicle proteome analysis for early markers of bronchopulmonary dysplasia. Function (Oxford, England), 7(2), e0902025.

Su Q, et al. (2026) Integrated bulk RNA-seq and scRNA-seq identification of a novel "PET-SPI1-MYL9" transcriptional axis in lung adenocarcinoma driven by polyethylene terephthalate exposure. Translational cancer research, 15(3), 173.

Pham AM, et al. (2026) Merkel cell polyomavirus exploits extracellular vesicles for skin infection and host immune evasion through activated Wnt signaling. PLoS pathogens, 22(6), e1014360.

Ozbolat I, et al. (2025) Bioprinted Ventilated 3D Alveoliform Epithelial Sacculoids. Research square.

Fundora KA, et al. (2025) DBeQ derivative targets vacuolar protein sorting 4 functions in cancer cells and suppresses tumor growth in mice. The Journal of pharmacology and experimental therapeutics, 392(4), 103524.

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

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.

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.

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

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.

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

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.

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

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*.

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.

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*.

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*.