Resource Summary Report

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Pennsylvania State University Huck Institutes Microscopy Core Facility

RRID:SCR_024457
Type: Tool

Proper Citation

Pennsylvania State University Huck Institutes Microscopy Core Facility (RRID:SCR_024457)

Resource Information

URL: https://www.huck.psu.edu/core-facilities/microscopy-facility

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Description: Microscopy facility specializes in areas of optical microscopy, electron microscopy, and histology. Facility is equipped with confocal microscopes, research fluorescence microscopes, and transmission and scanning electron microscopes. Research staff engage in experimentation, training, project collaboration, and consultation.

Synonyms: Huck Institutes' Microscopy Facility

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

Keywords: ABRF, Microscopy, Histolgy, TEM, SEM, confocal microscopy, light sheet microscopy, 2-photon

Resource Name: Pennsylvania State University Huck Institutes Microscopy Core Facility

Resource ID: SCR_024457

Alternate IDs: ABRF_2449

Alternate URLs: https://coremarketplace.org/RRID:SCR_024457?citation=1, https://coremarketplace.org/?FacilityID=2449&citation=1

Record Creation Time: 20230922T050237+0000

Record Last Update: 20260905T133438+0000

Ratings and Alerts

No rating or validation information has been found for Pennsylvania State University Huck Institutes Microscopy Core Facility.

No alerts have been found for Pennsylvania State University Huck Institutes Microscopy Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Garborg CS, et al. (2026) Brain motion is driven by mechanical coupling with the abdomen. Nature neuroscience, 29(6), 1397.

Joshi MP, et al. (2026) Increasing the Compositional Heterogeneity of Single-Chain Amphiphile Membranes Supported by Coacervate Cores Alters Stability and Properties of the Hybrid Protocells. Langmuir : the ACS journal of surfaces and colloids, 42(19), 13582.

Kubicki CJ, et al. (2026) Mechanical compaction alters microstructural and magnetic resonance imaging properties of acute ischemic stroke clots. Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism, 271678X261465841.

Sha Z, et al. (2026) Coordination of cell organelles to promote metabolon formation. Proceedings of the National Academy of Sciences of the United States of America, 123(5), e2532504123.

Rios KT, et al. (2025) Widespread release of translational repression across Plasmodium's host-to-vector transmission event. PLoS pathogens, 21(1), e1012823.

Monclova JL, et al. (2025) Development, characterization, and curve fitting of rate-dependent models of calcified cerebral embolus analogs for acute ischemic stroke. Biomechanics and modeling in mechanobiology.

Monclova JL, et al. (2025) Characterization of the In??Situ Stress State of Blood Clots in Ischemic Stroke: The Effect of Initial Conditions and Arterial Interaction. International journal for numerical methods in biomedical engineering, 41(10), e70094.

Kaur R, et al. (2025) Histone acetylation modulation by a small molecule inhibitor recapitulates symbiont-induced cytoplasmic incompatibility. Cell reports, 44(10), 116416.

Kannojiya V, et al. (2024) Characterizing thrombus adhesion strength on common cardiovascular device materials. Frontiers in bioengineering and biotechnology, 12, 1438359.

Rios KT, et al. (2024) Global Release of Translational Repression Across Plasmodium's Host-to-Vector Transmission Event. bioRxiv : the preprint server for biology.

Kaur R, et al. (2024) Prophage proteins alter long noncoding RNA and DNA of developing sperm to induce a paternal-effect lethality. Science (New York, N.Y.), 383(6687), 1111.

Monclova JL, et al. (2024) A hyper-viscoelastic uniaxial characterization of collagenous embolus analogs in acute ischemic stroke. Journal of the mechanical behavior of biomedical materials, 159, 106690.