

Resource Summary Report

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Pennsylvania State University Huck Institutes High Field Magnetic Resonance Imaging Core Facility

RRID:SCR_024461

Type: Tool

Proper Citation

Pennsylvania State University Huck Institutes High Field Magnetic Resonance Imaging Core Facility (RRID:SCR_024461)

Resource Information

URL: <https://www.huck.psu.edu/core-facilities/high-field-magnetic-resonance-imaging-facility>

Proper Citation: Pennsylvania State University Huck Institutes High Field Magnetic Resonance Imaging Core Facility (RRID:SCR_024461)

Description: Facility for investigating samples at micrometer scale using in vivo imaging and magnetic resonance microscopy. Facility houses Bruker BioSpec 70/30 horizontal magnet and Agilent 14.1 Tesla vertical magnet.

Synonyms: Huck Institutes' High-Field Magnetic Resonance Imaging Facility

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

Keywords: ABRF, Magnetic Resonance Imaging, Magnetic Resonance Microscopy, MRI, fMRI

Resource Name: Pennsylvania State University Huck Institutes High Field Magnetic Resonance Imaging Core Facility

Resource ID: SCR_024461

Alternate IDs: ABRF_2453

Alternate URLs: https://coremarketplace.org/RRID:SCR_024461?citation=1,
<https://coremarketplace.org/?FacilityID=2453&citation=1>

Record Creation Time: 20230922T050237+0000

Record Last Update: 20260815T183154+0000

Ratings and Alerts

No rating or validation information has been found for Pennsylvania State University Huck Institutes High Field Magnetic Resonance Imaging Core Facility.

No alerts have been found for Pennsylvania State University Huck Institutes High Field Magnetic Resonance Imaging Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Arefin TM, et al. (2026) Dissecting the Strain and Sex Specific Connectome Signatures of Unanesthetized C57BL/6J and DBA/2J Mice Using Magnetic Resonance Imaging. Genes, brain, and behavior, 25(4), e70060.

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.

Yeo M, et al. (2025) Intraoperative Bioprinting for Craniomaxillofacial Bone Reconstruction in Rats and Sheep. Small science, 5(11), 2400621.

Seemiller LR, et al. (2025) Adolescent alcohol consumption alters sex-specific behaviors associated with prefrontal functional connectivity in mice. bioRxiv : the preprint server for biology.

Arefin TM, et al. (2025) Dissecting the strain and sex specific connectome signatures of unanesthetized C57BL/6J and DBA/2J mice using magnetic resonance imaging. bioRxiv : the preprint server for biology.

Arefin TM, et al. (2025) Sex-specific signatures of GLP-1 and amylin on resting state brain activity and functional connectivity in awake rats. Neuropharmacology, 269, 110348.

Chan DC, et al. (2024) Cytokine expression patterns predict suppression of vulnerable neural circuits in a mouse model of Alzheimer's disease. bioRxiv : the preprint server for biology.