

Resource Summary Report

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University of Texas at Austin Biomedical Imaging Center Core Facility

RRID:SCR_021898

Type: Tool

Proper Citation

University of Texas at Austin Biomedical Imaging Center Core Facility
(RRID:SCR_021898)

Resource Information

URL: <https://biomedimaging.utexas.edu/>

Proper Citation: University of Texas at Austin Biomedical Imaging Center Core Facility
(RRID:SCR_021898)

Description: Multimodal imaging facility that supports human and preclinical imaging research. Hosts range of systems for MRI, PET, CT and optical imaging and accommodates both independent and assisted use for human MRI and PET/CT on its instruments. Provides in house training in scanner safety and operation and supports range of task for functional MRI studies.

Abbreviations: bic

Synonyms: Biomedical Imaging Center

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

Keywords: USEDit, ABRF, MRI, PET, CT, optical imaging, functional MRI, fMRI

Availability: Open

Resource Name: University of Texas at Austin Biomedical Imaging Center Core Facility

Resource ID: SCR_021898

Alternate IDs: ABRF_1258

Alternate URLs: <https://coremarketplace.org/?FacilityID=1258>

Record Creation Time: 20220421T050137+0000

Record Last Update: 20260807T042947+0000

Ratings and Alerts

No rating or validation information has been found for University of Texas at Austin Biomedical Imaging Center Core Facility.

No alerts have been found for University of Texas at Austin Biomedical Imaging Center Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Scott KM, et al. (2026) A responsive Co(II) 19F PARAShift probe: activation of Fermi contact interactions triggered by pH-dependent coordination changes. Chemical communications (Cambridge, England), 62(25), 6741.

Cooper SE, et al. (2026) Augmenting extinction with counterconditioning strengthens and sustains neural safety representations in PTSD. Translational psychiatry, 16(1).

Das A, et al. (2026) Repeatability of an MRI protocol for generating habitats based on cellularity, perfusion, and hypoxia in a murine model of glioma. Magnetic resonance imaging, 133, 110744.

Hennings AC, et al. (2026) Neural Reinstatement of Encoding Context Mediates the Switch between Fear and Extinction Recall. Journal of cognitive neuroscience, 38(2), 319.

Barksdale BR, et al. (2025) Low-intensity transcranial focused ultrasound amygdala neuromodulation: a double-blind sham-controlled target engagement study and unblinded single-arm clinical trial. Molecular psychiatry, 30(10), 4497.

Lippard ETC, et al. (2025) Nucleus accumbens functional connectivity changes underlying alcohol expectancies in bipolar disorder and prospective alcohol outcomes: a within-subject randomized placebo-controlled alcohol administration fMRI study. Frontiers in neuroscience, 19, 1549295.

Gallagher I, et al. (2025) Hidden risk: Latent cognitive profiles and structural brain age reveal vulnerability in midlife metabolic syndrome. Journal of the International Neuropsychological Society : JINS, 31(9-10), 1.

Enten LK, et al. (2025) Altered amygdala and striatal responsivity and prediction error encoding of temporal reward dynamics in post-trauma psychopathology. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology.

Bibb N, et al. (2025) Recent Stress Potentiation and Paralimbic System Reactivity in Young Adults with Bipolar Disorder: Implications for Suicide Risk and Effects of Cannabis Use Disorder. *Biological psychiatry. Cognitive neuroscience and neuroimaging*.

Bauer EA, et al. (2025) Encoding-retrieval similarity reveals distinct neural reinstatement of safety memories following counterconditioning in posttraumatic stress disorder. *Biological psychiatry. Cognitive neuroscience and neuroimaging*.

Scott KM, et al. (2025) Improved Redox-Responsive Cobalt(II) ^{19}F Magnetic Resonance Imaging Agents through Addition of Hydrogen Bond Donors. *Inorganic chemistry*, 64(22), 11130.

Banik M, et al. (2024) Delivering DNA Aptamers Across the Blood-Brain Barrier Reveals Heterogeneous Decreased ATP in Different Brain Regions of Alzheimer's Disease Mouse Models. *ACS central science*, 10(8), 1585.

Cooper SE, et al. (2024) Semantic structures facilitate threat memory integration throughout the medial temporal lobe and medial prefrontal cortex. *Current biology : CB*, 34(15), 3522.

Lu MJ, et al. (2024) SLC25A51 decouples the mitochondrial NAD^+/NADH ratio to control proliferation of AML cells. *Cell metabolism*, 36(4), 808.

Cooke DJ, et al. (2024) Dual Nanoparticle Conjugates for Highly Sensitive and Versatile Sensing Using ^{19}F Magnetic Resonance Imaging. *Angewandte Chemie (International ed. in English)*, 63(4), e202312322.

Kirsch DE, et al. (2023) Neural underpinnings of expecting alcohol: Placebo alcohol administration alters nucleus accumbens resting state functional connectivity. *Behavioural brain research*, 437, 114148.

Morton NW, et al. (2023) Memory reactivation and suppression modulate integration of the semantic features of related memories in hippocampus. *Cerebral cortex (New York, N.Y. : 1991)*, 33(14), 9020.