

# Resource Summary Report

Generated by T1D on Aug 1, 2026

## 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/>

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**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:** core facility, service resource, 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:** 20260731T043110+0000

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## 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.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 12 mentions in open access literature.

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

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.

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.

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*.

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*.

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

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<sup>+</sup>/NADH ratio to control proliferation of AML cells. *Cell metabolism*, 36(4), 808.

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.

Cooke DJ, et al. (2024) Dual Nanoparticle Conjugates for Highly Sensitive and Versatile Sensing Using  $^{19}\text{F}$  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.