

Resource Summary Report

Generated by PRECISE-TBI on Aug 2, 2026

Ecosystem for Multi-modal Brain-behavior Experimentation and Research

RRID:SCR_026700

Type: Tool

Proper Citation

Ecosystem for Multi-modal Brain-behavior Experimentation and Research
(RRID:SCR_026700)

Resource Information

URL: <https://emberarchive.org/>

Proper Citation: Ecosystem for Multi-modal Brain-behavior Experimentation and Research (RRID:SCR_026700)

Description: BRAIN Initiative data archive for multi-modal neurophysiological and behavioral data, supporting the Brain Behavior Quantification and Synchronization (BBQS) Program. Accessible and versatile data archive for storage, processing, and curation of multimodal neurophysiological and behavioral datasets. EMBER extends established BRAIN Initiative data infrastructure, provides new data harmonization and synchronization capabilities, and supports scalable integrations for data coordination and AI driven batch processing to enable the goals of the BBQS program.

Abbreviations: EMBER

Synonyms: , Ecosystem for Multi-modal Brain-behavior Experimentation and Research (EMBER), EMBER Archive

Resource Type: service resource, data or information resource, data repository, storage service resource

Keywords: data archive, multi-modal neurophysiological data, behavioral data, Brain Behavior Quantification and Synchronization (BBQS) Program,

Funding: NIMH R24MH136632;
NIDA R24DA064430

Availability: Free, Freely available

Resource Name: Ecosystem for Multi-modal Brain-behavior Experimentation and Research

Resource ID: SCR_026700

Record Creation Time: 20250404T060341+0000

Record Last Update: 20260801T191359+0000

Ratings and Alerts

No rating or validation information has been found for Ecosystem for Multi-modal Brain-behavior Experimentation and Research.

No alerts have been found for Ecosystem for Multi-modal Brain-behavior Experimentation and Research.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Ziegler DV, et al. (2025) CDK4 inactivation inhibits apoptosis via mitochondria-ER contact remodeling in triple-negative breast cancer. Nature communications, 16(1), 541.

Contino S, et al. (2025) Unveiling molecular moieties through hierarchical Grad-CAM graph explainability. BMC bioinformatics, 26(1), 261.

Hernandez-Suarez A, et al. (2023) ReinforSec: An Automatic Generator of Synthetic Malware Samples and Denial-of-Service Attacks through Reinforcement Learning. Sensors (Basel, Switzerland), 23(3).

Mandal M, et al. (2019) CXCR4 signaling directs Igk recombination and the molecular mechanisms of late B lymphopoiesis. Nature immunology, 20(10), 1393.

Spies D, et al. (2015) Dynamics in Transcriptomics: Advancements in RNA-seq Time Course and Downstream Analysis. Computational and structural biotechnology journal, 13, 469.

Wu H, et al. (2014) Genomic occupancy of Runx2 with global expression profiling identifies a novel dimension to control of osteoblastogenesis. Genome biology, 15(3), R52.