

Resource Summary Report

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Federal Interagency Traumatic Brain Injury Research Informatics System

RRID:SCR_006856

Type: Tool

Proper Citation

Federal Interagency Traumatic Brain Injury Research Informatics System
(RRID:SCR_006856)

Resource Information

URL: <https://fitbir.nih.gov/>

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Description: Platform for Traumatic Brain Injury relevant data. System was developed to share data across entire TBI research field and to facilitate collaboration between laboratories and interconnectivity between informatics platforms. FITBIR implements interagency Common Data Elements for TBI research and provides tools and resources to extend data dictionary. Established submission strategy to ensure high quality and to provide maximum benefit to investigators. Qualified researchers can request access to data stored in FITBIR and/or data stored at federated repositories.

Abbreviations: FITBIR

Synonyms: Federal Interagency Traumatic Brain Injury Research (FITBIR) Informatics System, FITBIR Informatics System

Resource Type: data or information resource, data repository, database, narrative resource, portal, service resource, standard specification, storage service resource, topical portal

Keywords: Traumatic, brain, injury, platform, common, data, element, medical, imaging, clinical, assessment, environment, behavior, brain, magnetic, resonance

Related Condition: Traumatic Brain Injury

Funding: Center for Information Technology ;
NINDS ;
U.S. Army Medical Research and Material Command

Availability: Restricted

Resource Name: Federal Interagency Traumatic Brain Injury Research Informatics System

Resource ID: SCR_006856

Alternate IDs: nlx_151755, r3d100012837

Alternate URLs: <https://doi.org/10.17616/R31NJMED>

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260912T195646+0000

Ratings and Alerts

No rating or validation information has been found for Federal Interagency Traumatic Brain Injury Research Informatics System.

No alerts have been found for Federal Interagency Traumatic Brain Injury Research Informatics System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 74 mentions in open access literature.

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

Sadikov A, et al. (2026) Gray Matter Morphological Networks are Associated with Neurobiological Features, Cognitive Status and Clinical Recovery in Traumatic Brain Injury. medRxiv : the preprint server for health sciences.

Romero A GA, et al. (2026) Reducing Video Verification Burden: Machine Learning Classification of Head Acceleration Events in Youth Football. Research square.

Nathaniel U, et al. (2026) Injury Severity Influences Long-Term Cognitive Control in Pediatric "Mild" Traumatic Brain Injury. Human brain mapping, 47(10), e70580.

Germain A, et al. (2026) Behavioral treatment of insomnia in active-duty service members with traumatic brain injury: study protocol for a randomized clinical trial. Trials, 27(1).

Tanriverdi AE, et al. (2026) Examining Associations Between Intimate Partner Violence-Related Brain Injury, Psychological Abuse, and Cognitive Functioning in Community Women. Journal of family violence.

Alvarez TL, et al. (2026) Infographic. Keep an eye on vision after concussion-screening tool and procedure for the two most common concussion-related vision disorders: convergence insufficiency and accommodative insufficiency. *British journal of sports medicine*, 60(5), 388.

Bhatt S, et al. (2026) Neuropsychological influences on visual photosensitivity and its treatment in traumatic brain injury. *BMJ open ophthalmology*, 11(2).

McQuaid JR, et al. (2025) A one year longitudinal study of cortical myelination changes following pediatric mild traumatic brain injury. *NeuroImage. Clinical*, 48, 103837.

Nathaniel U, et al. (2025) Optimizing pediatric "Mild" traumatic brain injury assessments: A multi-domain random forest analysis of diagnosis and outcomes. *International journal of clinical and health psychology : IJCHP*, 25(3), 100600.

Brickell TA, et al. (2025) Unhealthy family functioning is strongly associated with warfighter brain health following traumatic brain injury in United States service members and veterans. *Frontiers in neurology*, 16, 1475098.

Smith CR, et al. (2025) Sex Differences in Head Acceleration Events in Law Enforcement Corrections Cadets. *Annals of biomedical engineering*, 53(9), 2251.

Claros CC, et al. (2025) A Machine Learning Model for Post-Concussion Musculoskeletal Injury Risk in Collegiate Athletes. *Sports medicine (Auckland, N.Z.)*, 55(8), 1971.

Mayer AR, et al. (2025) Blood-based biomarkers suggest prolonged axonal Injury following pediatric mild traumatic brain injury. *Scientific reports*, 15(1), 4189.

Hunzinger KJ, et al. (2025) Associations of Collegiate Football Career and Incident Concussion with Players' Health: A Longitudinal Study from the CARE Consortium. *Sports medicine (Auckland, N.Z.)*, 55(9), 2313.

Szaflarski JP, et al. (2025) Neurobehavioral therapy in functional seizures: Investigation of mechanism of action with resting-state functional magnetic resonance imaging. *Epilepsia*, 66(8), 2881.

Han X, et al. (2025) A structural haplotype in the 17q21.31 MAPT region is associated with increased risk for chronic traumatic encephalopathy endophenotypes. *Cell reports. Medicine*, 6(5), 102084.

Schneider ALC, et al. (2025) Associations of Plasma Lipids with Traumatic Brain Injury Outcomes: A Transforming Research and Clinical Knowledge in Traumatic Brain Injury Study. *Neurotrauma reports*, 6(1), 1014.

Nathaniel U, et al. (2025) Regional and Global Changes in Brain Structure 1-Year Post Pediatric "Mild" Traumatic Brain Injury. *Annals of neurology*, 98(2), 341.

Claros-Olivares CC, et al. (2025) A Machine Learning Model for Post-Concussion Musculoskeletal Injury Risk in Collegiate Athletes. *medRxiv : the preprint server for health sciences*.

Greil ME, et al. (2025) Early Prognostication in Pediatric Severe Traumatic Brain Injury in South America: Development of a Local Pediatric-Specific Model and Validation of

Established Models. Neurotrauma reports, 6(1), 171.