Resource Summary Report

Generated by NIF on May 11, 2025

Open Data Commons for Traumatic Brain Injury

RRID:SCR 021736

Type: Tool

Proper Citation

Open Data Commons for Traumatic Brain Injury (RRID:SCR_021736)

Resource Information

URL: https://odc-tbi.org

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Description: Software as cloud based community driven repository to store, share, and publish traumatic brain injury research data. Aims to increase transparency with individual level data, enhance collaboration, facilitate advanced analytics, and conform to increasing mandates by funders and publishers to make data accessible. Members of ODC-TBI have access to private digital lab space managed by PI or multi-PIs for dataset storage and sharing. PIs can share their labs' datasets with registered members of ODC-TBI community and make their datasets public and citable. ODC-TBI implements stewardship principles that scientific data be made FAIR (Findable, Accessible, Interoperable and Reusable).

Abbreviations: ODC-TBI

Resource Type: storage service resource, portal, data or information resource, service resource, disease-related portal, data repository, topical portal

Keywords: Data Commons, traumatic brain injury data, traumatic brain injury, brain injury data, FAIR

Funding:

Availability: Restricted

Resource Name: Open Data Commons for Traumatic Brain Injury

Resource ID: SCR 021736

Alternate URLs: https://doi.org/10.34945/, https://dx.doi.org/10.34945/

Record Creation Time: 20220129T080357+0000

Record Last Update: 20250509T060351+0000

Ratings and Alerts

No rating or validation information has been found for Open Data Commons for Traumatic Brain Injury.

No alerts have been found for Open Data Commons for Traumatic Brain Injury.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Noonan VK, et al. (2025) Enhancing data standards to advance translation in spinal cord injury. Experimental neurology, 384, 115048.

Hinson HE, et al. (2024) Predicting Progression of Intracranial Hemorrhage in the Prehospital TXA for TBI Trial. Journal of neurotrauma, 41(19-20), 2349.

Panayi N, et al. (2024) Traumatic Brain Injury in Mice Generates Early-Stage Alzheimer's Disease Related Protein Pathology that Correlates with Neurobehavioral Deficits. Molecular neurobiology.

Irvine KA, et al. (2024) Designer Receptor Exclusively Activated by Designer Drug (DREADD)-Mediated Activation of the Periaqueductal Gray Restores Nociceptive Descending Inhibition After Traumatic Brain Injury in Rats. Journal of neurotrauma, 41(13-14), e1761.

Kumar PA, et al. (2024) Chemogenetic Attenuation of Acute Nociceptive Signaling Enhances Functional Outcomes Following Spinal Cord Injury. Journal of neurotrauma, 41(9-10), 1060.

Fouad K, et al. (2024) A practical guide to data management and sharing for biomedical laboratory researchers. Experimental neurology, 378, 114815.

Frankot MA, et al. (2024) Understanding Individual Subject Differences through Large Behavioral Datasets: Analytical and Statistical Considerations. Perspectives on behavior

science, 47(1), 225.

Mueller PM, et al. (2024) Bayesian Methods: A Means of Improving Statistical Power in Preclinical Neurotrauma? Neurotrauma reports, 5(1), 699.

Radabaugh HL, et al. (2023) Increasing Rigor of Preclinical Research to Maximize Opportunities for Translation. Neurotherapeutics: the journal of the American Society for Experimental NeuroTherapeutics, 20(6), 1433.

Smith KA, et al. (2023) Examining the long-term effects of traumatic brain injury on fear extinction in male rats. Frontiers in behavioral neuroscience, 17, 1206073.

Giordano KR, et al. (2023) Colony-Stimulating Factor-1 Receptor Inhibition Transiently Attenuated the Peripheral Immune Response to Experimental Traumatic Brain Injury. Neurotrauma reports, 4(1), 284.

Frankot M, et al. (2023) Statistical power and false positive rates for interdependent outcomes are strongly influenced by test type: Implications for behavioral neuroscience. Neuropsychopharmacology: official publication of the American College of Neuropsychopharmacology, 48(11), 1612.

Huie JR, et al. (2022) Data-driven approach to integrating genomic and behavioral preclinical traumatic brain injury research. Frontiers in bioengineering and biotechnology, 10, 887898.

Chou A, et al. (2022) Empowering Data Sharing and Analytics through the Open Data Commons for Traumatic Brain Injury Research. Neurotrauma reports, 3(1), 139.

Irvine KA, et al. (2022) Activation of the Locus Coeruleus Mediated by Designer Receptor Exclusively Activated by Designer Drug Restores Descending Nociceptive Inhibition after Traumatic Brain Injury in Rats. Journal of neurotrauma, 39(13-14), 964.

Vonder Haar C, et al. (2022) Large-N Rat Data Enables Phenotyping of Risky Decision-Making: A Retrospective Analysis of Brain Injury on the Rodent Gambling Task. Frontiers in behavioral neuroscience, 16, 837654.

Sowers JL, et al. (2021) Traumatic brain injury induces region-specific glutamate metabolism changes as measured by multiple mass spectrometry methods. iScience, 24(10), 103108.

LaPlaca MC, et al. (2021) Pre-Clinical Common Data Elements for Traumatic Brain Injury Research: Progress and Use Cases. Journal of neurotrauma, 38(10), 1399.

Krukowski K, et al. (2021) Short review: The impact of sex on neuroimmune and cognitive outcomes after traumatic brain injury. Brain, behavior, & immunity - health, 16, 100327.