

# Chronic Traumatic Encephalopathy in Blast-Exposed M Neurotrauma Mouse Model

Science Translational Medicine

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Comment on "Chronic Traumatic Encephalopathy in Blast-Exposed Military Veterans and a Blast Neurotrauma Mouse Model". Science Translational Medicine, 2012, 4, 157le7; author reply 157lr5.	5.8	6
2	Brain trauma in military veterans. Nature Reviews Neuroscience, 2012, 13, 450-451.	4.9	0
3	Response to Comment on "Chronic Traumatic Encephalopathy in Blast-Exposed Military Veterans and a Blast Neurotrauma Mouse Model". Science Translational Medicine, 2012, 4, .	5.8	35
4	Blast Exposure Induces Post-Traumatic Stress Disorder-Related Traits in a Rat Model of Mild Traumatic Brain Injury. Journal of Neurotrauma, 2012, 29, 2564-2575.	1.7	193
5	Comment on "Chronic Traumatic Encephalopathy in Blast-Exposed Military Veterans and a Blast Neurotrauma Mouse Model". Science Translational Medicine, 2012, 4, 157le8; author reply 157lr5.	5.8	8
6	Researchers ID CTE in Blast-injured Veterans; Mouse Model Points to Head Acceleration. Neurology Today: an Official Publication of the American Academy of Neurology, 2012, 12, 1-17.	0.0	1
7	Regulated protein aggregation: stress granules and neurodegeneration. Molecular Neurodegeneration, 2012, 7, 56.	4.4	271
8	Untangling the role of tau in Alzheimer's disease: A unifying hypothesis. Translational Neuroscience, 2013, 4, 115-133.	0.7	9
9	Self-propagation of pathogenic protein aggregates in neurodegenerative diseases. Nature, 2013, 501, 45-51.	13.7	1,331
10	Blast-related traumatic brain injury. Lancet Neurology, The, 2013, 12, 882-893.	4.9	229
11	Distinct patterns of expression of traumatic brain injury biomarkers after blast exposure: Role of compromised cell membrane integrity. Neuroscience Letters, 2013, 552, 87-91.	1.0	53
13	Garbage Truck of the Brain. Science, 2013, 340, 1529-1530.	6.0	526
14	Chronic Traumatic Encephalopathy: Where Are We and Where Are We Going?. Current Neurology and Neuroscience Reports, 2013, 13, 407.	2.0	102
15	Systems biomarkers as acute diagnostics and chronic monitoring tools for traumatic brain injury. , 2013, , .		11
16	Blast overpressure induces shear-related injuries in the brain of rats exposed to a mild traumatic brain injury. Acta Neuropathologica Communications, 2013, 1, 51.	2.4	86
17	Protective effects of decay-accelerating factor on blast-induced neurotrauma in rats. Acta Neuropathologica Communications, 2013, 1, 52.	2.4	24
18	Adenosine A2A Receptor Deficiency Alleviates Blast-Induced Cognitive Dysfunction. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1789-1798.	2.4	42
19	Impact of Moderate Blast Exposures on Thrombin Biomarkers Assessed by Calibrated Automated Thrombography in Rats. Journal of Neurotrauma, 2013, 30, 1881-1887.	1.7	12

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20	Brain Injury: Neuro-Inflammation, Cognitive Deficit, and Magnetic Resonance Imaging in a Model of Blast Induced Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 1888-1897.	1.7	59
21	Animal models of traumatic brain injury. <i>Nature Reviews Neuroscience</i> , 2013, 14, 128-142.	4.9	1,125
22	The spectrum of disease in chronic traumatic encephalopathy. <i>Brain</i> , 2013, 136, 43-64.	3.7	1,690
23	Traumatic brain injury: networks and neuropathology. <i>Lancet Neurology</i> , The, 2013, 12, 15-16.	4.9	19
24	Modulation of cholinergic pathways and inflammatory mediators in blast-induced traumatic brain injury. <i>Chemico-Biological Interactions</i> , 2013, 203, 371-375.	1.7	52
25	Biomarkers of mild traumatic brain injury in cerebrospinal fluid and blood. <i>Nature Reviews Neurology</i> , 2013, 9, 201-210.	4.9	509
26	Exendin-4, a glucagon-like peptide-1 receptor agonist prevents mTBI-induced changes in hippocampus gene expression and memory deficits in mice. <i>Experimental Neurology</i> , 2013, 239, 170-182.	2.0	80
27	Modeling clinically relevant blast parameters based on scaling principles produces functional & histological deficits in rats. <i>Experimental Neurology</i> , 2013, 248, 520-529.	2.0	60
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31	An Instrumented Mouthguard for Measuring Linear and Angular Head Impact Kinematics in American Football. <i>Annals of Biomedical Engineering</i> , 2013, 41, 1939-1949.	1.3	160
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33	Towards clinical management of traumatic brain injury: a review of models and mechanisms from a biomechanical perspective. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 1325-38.	1.2	84
34	Clinical presentation of chronic traumatic encephalopathy. <i>Neurology</i> , 2013, 81, 1122-1129.	1.5	459
35	Hit & Run™ Model of Closed-Skull Traumatic Brain Injury (TBI) Reveals Complex Patterns of Post-Traumatic AQP4 Dysregulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 834-845.	2.4	240
36	The Differences between Blast-Induced and Sports-Related Brain Injuries. <i>Frontiers in Neurology</i> , 2013, 4, 119.	1.1	16
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38	A Military-Centered Approach to Neuroprotection for Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2013, 4, 73.	1.1	9
39	Primary Blast Traumatic Brain Injury in the Rat: Relating Diffusion Tensor Imaging and Behavior. <i>Frontiers in Neurology</i> , 2013, 4, 154.	1.1	87
40	Rapid Accumulation of Endogenous Tau Oligomers in a Rat Model of Traumatic Brain Injury. <i>Journal of Biological Chemistry</i> , 2013, 288, 17042-17050.	1.6	115
41	Assessing neuro-systemic & behavioral components in the pathophysiology of blast-related brain injury. <i>Frontiers in Neurology</i> , 2013, 4, 186.	1.1	59
42	Caveats for Using Shock Tube in Blast-Induced Traumatic Brain Injury Research. <i>Frontiers in Neurology</i> , 2013, 4, 117.	1.1	27
43	Traumatic Brain Injury and Chronic Traumatic Encephalopathy: A Forensic Neuropsychiatric Perspective. <i>Behavioral Sciences and the Law</i> , 2013, 31, 721-738.	0.6	32
44	Pituitary dysfunction after blast traumatic brain injury. <i>Annals of Neurology</i> , 2013, 74, 527-536.	2.8	63
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50	Mechanisms of Hearing Loss after Blast Injury to the Ear. <i>PLoS ONE</i> , 2013, 8, e67618.	1.1	117
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55	Extent of Cerebrovascular Disruption Following Blast Exposure is Influenced by the Duration of the Positive Phase in Addition to Peak Overpressure. <i>Journal of Neurology &amp; Neurophysiology</i> , 2014, 05, .	0.1	2

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56	Neck Flexion Induces Larger Deformation of the Brain Than Extension at a Rotational Acceleration, Closed Head Trauma. <i>Advances in Neuroscience (Hindawi)</i> , 2014, 2014, 1-13.	3.1	1
57	Brain Injury in the Context of Tauopathies. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 495-518.	1.2	29
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65	Low-Level Laser Therapy Effectively Prevents Secondary Brain Injury Induced by Immediate Early Responsive Gene X-1 Deficiency. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1391-1401.	2.4	63
66	Too hard to control: compromised pain anticipation and modulation in mild traumatic brain injury. <i>Translational Psychiatry</i> , 2014, 4, e340-e340.	2.4	31
67	Neuroimaging, Behavioral, and Psychological Sequelae of Repetitive Combined Blast/Impact Mild Traumatic Brain Injury in Iraq and Afghanistan War Veterans. <i>Journal of Neurotrauma</i> , 2014, 31, 425-436.	1.7	181
68	Luteolin Reduces Alzheimer's Disease Pathologies Induced by Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2014, 15, 895-904.	1.8	117
69	The Mechanics of Traumatic Brain Injury: A Review of What We Know and What We Need to Know for Reducing Its Societal Burden. <i>Journal of Biomechanical Engineering</i> , 2014, 136, 021008.	0.6	179
70	Chronic visual dysfunction after blast-induced mild traumatic brain injury. <i>Journal of Rehabilitation Research and Development</i> , 2014, 51, 71-80.	1.6	61
71	Traumatic brain injury and risk of dementia in older veterans. <i>Neurology</i> , 2014, 83, 312-319.	1.5	245
72	A Novel Mouse Model of Penetrating Brain Injury. <i>Frontiers in Neurology</i> , 2014, 5, 209.	1.1	25
73	P7C3 Neuroprotective Chemicals Block Axonal Degeneration and Preserve Function after Traumatic Brain Injury. <i>Cell Reports</i> , 2014, 8, 1731-1740.	2.9	101

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75	Sex-specific behavioral traits in the <i>Brd2</i> mouse model of juvenile myoclonic epilepsy. <i>Genes, Brain and Behavior</i> , 2014, 13, 702-712.	1.1	19
76	Impairment of Glymphatic Pathway Function Promotes Tau Pathology after Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2014, 34, 16180-16193.	1.7	797
77	Diffusion Tensor Imaging Reveals White Matter Injury in a Rat Model of Repetitive Blast-Induced Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 938-950.	1.7	51
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79	Chronic neuropathological and neurobehavioral changes in a repetitive mild traumatic brain injury model. <i>Annals of Neurology</i> , 2014, 75, 241-254.	2.8	298
80	Merging pathology with biomechanics using CHIMERA (Closed-Head Impact Model of Engineered) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Neurodegeneration, 2014, 9, 55.	4.4	148
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82	Exacerbation of blast-induced ocular trauma by an immune response. <i>Journal of Neuroinflammation</i> , 2014, 11, 192.	3.1	36
83	Clinical subtypes of chronic traumatic encephalopathy: literature review and proposed research diagnostic criteria for traumatic encephalopathy syndrome. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 68.	3.0	257
84	The problem of axonal injury in the brains of veterans with histories of blast exposure. <i>Acta Neuropathologica Communications</i> , 2014, 2, 153.	2.4	77
85	Exploring the Role of Insomnia in the Relation Between PTSD and Pain in Veterans With Polytrauma Injuries. <i>Journal of Head Trauma Rehabilitation</i> , 2014, 29, 44-53.	1.0	41
86	Models of Mild Traumatic Brain Injury. <i>Neurosurgery</i> , 2014, 75, S34-S49.	0.6	54
87	The New Neurometabolic Cascade of Concussion. <i>Neurosurgery</i> , 2014, 75, S24-S33.	0.6	934
88	White Matter Integrity in Veterans With Mild Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2014, 29, 21-32.	1.0	68
89	Rat model of brain injury caused by under-vehicle blast-induced hyperacceleration. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 77, S83-S87.	1.1	8
90	Author Response: Pressure Wave Dosimetry for Retinal Ganglion Cell Damage in an Experimental Rodent Model of Blast-Mediated Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 1350.		4
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99	Network dysfunction after traumatic brain injury. <i>Nature Reviews Neurology</i> , 2014, 10, 156-166.	4.9	528
100	Traumatic Brain Injury Using Mouse Models. <i>Translational Stroke Research</i> , 2014, 5, 454-471.	2.3	60
101	Neural Activation during Response Inhibition Differentiates Blast from Mechanical Causes of Mild to Moderate Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 169-179.	1.7	79
102	Linking Traumatic Brain Injury to Chronic Traumatic Encephalopathy: Identification of Potential Mechanisms Leading to Neurofibrillary Tangle Development. <i>Journal of Neurotrauma</i> , 2014, 31, 1129-1138.	1.7	111
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109	Comotions cÃ©brales et sportÃ©: complications Ã© long terme. <i>Journal of Medical Rehabilitation</i> , 2014, 34, 118-125.	0.0	7
110	Cytoskeletal protein Î±-actinin degradation in the brain of repeated blast exposed mice. <i>Brain Research</i> , 2014, 1549, 32-41.	1.1	21

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122	Traumatic Brain Injury Research in Military Populations. <i>Annual Review of Nursing Research</i> , 2015, 33, 13-29.	0.7	8
123	A Review of Neuroimaging Findings in Repetitive Brain Trauma. <i>Brain Pathology</i> , 2015, 25, 318-349.	2.1	107
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127	The Neuropathology of Chronic Traumatic Encephalopathy. <i>Brain Pathology</i> , 2015, 25, 350-364.	2.1	411
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132	Blast Overpressure Waves Induce Transient Anxiety and Regional Changes in Cerebral Glucose Metabolism and Delayed Hyperarousal in Rats. <i>Frontiers in Neurology</i> , 2015, 6, 132.	1.1	31
133	The Complexity of Biomechanics Causing Primary Blast-Induced Traumatic Brain Injury: A Review of Potential Mechanisms. <i>Frontiers in Neurology</i> , 2015, 6, 221.	1.1	57
134	The Quest to Model Chronic Traumatic Encephalopathy: A Multiple Model and Injury Paradigm Experience. <i>Frontiers in Neurology</i> , 2015, 6, 222.	1.1	30
135	Modeling Chronic Traumatic Encephalopathy: The Way Forward for Future Discovery. <i>Frontiers in Neurology</i> , 2015, 6, 223.	1.1	17
136	Neuroimaging assessment of early and late neurobiological sequelae of traumatic brain injury: implications for CTE. <i>Frontiers in Neuroscience</i> , 2015, 9, 334.	1.4	35
137	Neurite, a Finite Difference Large Scale Parallel Program for the Simulation of Electrical Signal Propagation in Neurites under Mechanical Loading. <i>PLoS ONE</i> , 2015, 10, e0116532.	1.1	19
138	Voluntary Alcohol Intake following Blast Exposure in a Rat Model of Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2015, 10, e0125130.	1.1	33
139	Chronic traumatic encephalopathy: A paradigm in search of evidence?. <i>Laboratory Investigation</i> , 2015, 95, 576-584.	1.7	12
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141	A novel closed-body model of spinal cord injury caused by high-pressure air blasts produces extensive axonal injury and motor impairments. <i>Experimental Neurology</i> , 2015, 271, 53-71.	2.0	22
142	Six Degree-of-Freedom Measurements of Human Mild Traumatic Brain Injury. <i>Annals of Biomedical Engineering</i> , 2015, 43, 1918-1934.	1.3	160
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146	Chronic Inflammation After TBI and Associated Behavioral Sequelae. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2015, 3, 115-123.	0.3	2
147	Untangling the Effect of Head Acceleration on Brain Responses to Blast Waves. <i>Journal of Biomechanical Engineering</i> , 2015, 137, 124502.	0.6	13

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150	Biomarkers for CNS Injury and Regeneration. , 2015, , 401-410.		0
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152	The neuropathology of traumatic brain injury. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2015, 127, 45-66.	1.0	479
153	Recent developments in clinical trials for the treatment of traumatic brain injury. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2015, 127, 433-451.	1.0	36
154	Animal models of traumatic brain injury. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2015, 127, 115-128.	1.0	127
155	Injury biomechanics, neuropathology, and simplified physics of explosive blast and impact mild traumatic brain injury. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2015, 127, 89-104.	1.0	33
156	Growth hormone deficiency after mild combat-related traumatic brain injury. <i>Pituitary</i> , 2015, 18, 535-541.	1.6	25
157	Mechanics of the brain: perspectives, challenges, and opportunities. <i>Biomechanics and Modeling in Mechanobiology</i> , 2015, 14, 931-965.	1.4	289
159	Repetitive concussions – How dangerous are they?. <i>Molecular and Cellular Neurosciences</i> , 2015, 66, 73-74.	1.0	0
160	Discriminating military and civilian traumatic brain injuries. <i>Molecular and Cellular Neurosciences</i> , 2015, 66, 123-128.	1.0	37
161	Disruption of caudate working memory activation in chronic blast-related traumatic brain injury. <i>NeuroImage: Clinical</i> , 2015, 8, 543-553.	1.4	31
162	Diffusion Tensor Imaging Reveals Acute Subcortical Changes after Mild Blast-Induced Traumatic Brain Injury. <i>Scientific Reports</i> , 2014, 4, 4809.	1.6	43
163	The nature of white matter abnormalities in blast-related mild traumatic brain injury. <i>NeuroImage: Clinical</i> , 2015, 8, 148-156.	1.4	82
164	Military blast exposure, ageing and white matter integrity. <i>Brain</i> , 2015, 138, 2278-2292.	3.7	73
165	Antibody against early driver of neurodegeneration cis P-tau blocks brain injury and tauopathy. <i>Nature</i> , 2015, 523, 431-436.	13.7	374
166	Paclitaxel improves outcome from traumatic brain injury. <i>Brain Research</i> , 2015, 1618, 299-308.	1.1	27

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333	Linking blast physics to biological outcomes in mild traumatic brain injury: Narrative review and preliminary report of an open-field blast model. <i>Behavioural Brain Research</i> , 2018, 340, 147-158.	1.2	47
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