

Resource Summary Report

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Open Data Commons for Spinal Cord Injury

RRID:SCR_016673

Type: Tool

Proper Citation

Open Data Commons for Spinal Cord Injury (RRID:SCR_016673)

Resource Information

URL: <http://odc-sci.org>

Proper Citation: Open Data Commons for Spinal Cord Injury (RRID:SCR_016673)

Description: Portal for sharing spinal cord injury data from basic and clinical research to promote transparency, rigor and reproducibility. Community based repository for spinal cord injury research.

Abbreviations: odc-sci, ODC-SCI

Synonyms: , Open Data Commons for Spinal Cord Injury, Open Data Commons at UCSD FDI Lab

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

Keywords: spinal, cord, injury, data, repository

Funding: Craig H. Neilsen Foundation

Availability: Free, Registration required

Resource Name: Open Data Commons for Spinal Cord Injury

Resource ID: SCR_016673

Alternate IDs: r3d100014071

Alternate URLs: <https://doi.org/10.34945/>, <https://dx.doi.org/10.34945/>, <https://api.datacite.org/doi?prefix=10.34945>, <https://doi.org/10.17616/R31NJNCN>

License: Policies of the ODC-SCI Staged BetaRelease (v.0.9) (1/5/2018)

Record Creation Time: 20220129T080331+0000

Ratings and Alerts

No rating or validation information has been found for Open Data Commons for Spinal Cord Injury.

No alerts have been found for Open Data Commons for Spinal Cord Injury.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Stewart AN, et al. (2025) Nonresolving Neuroinflammation Regulates Axon Regeneration in Chronic Spinal Cord Injury. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(1).

Al-Khayat N, et al. (2025) Acute Chemodeneration of the Bladder With Botulinum Toxin After Spinal Cord Injury Resulted in Preserved Bladder Function in Rodents. Neurourology and urodynamics, 44(8), 1704.

Huie JR, et al. (2025) An infrastructure for qualified data sharing and team science in late-stage translational spinal cord injury research. Experimental neurology, 383, 114995.

Holmes TC, et al. (2025) Diaphragm pacing elicits respiratory plasticity in awake rodents after C2 hemisection. Respiratory physiology & neurobiology, 338, 104485.

Cucarian J, et al. (2025) No impact of anti-inflammatory medication on inflammation-driven recovery following cervical spinal cord injury in rats. Experimental neurology, 383, 115039.

Jaffe DA, et al. (2025) Open Field Two-Texture Preference Testing Is Not Associated With the Neuropathic Pain-Like Phenotype That Occurs Following Mouse Cervical Contusion Spinal Cord Injury. Neuroscience insights, 20, 26331055251361442.

Stewart AN, et al. (2024) Non-resolving neuroinflammation regulates axon regeneration in chronic spinal cord injury. bioRxiv : the preprint server for biology.

Iorio EG, et al. (2024) Effect-Size Discrepancies in Literature Versus Raw Datasets from Experimental Spinal Cord Injury Studies: A CLIMBER Meta-Analysis. Neurotrauma reports, 5(1), 686.

Hassan OI, et al. (2024) Bridging the gap: a translational perspective in spinal cord injury. Experimental biology and medicine (Maywood, N.J.), 249, 10266.

Goodus MT, et al. (2024) Spinal cord injury-induced metabolic impairment and steatohepatitis develops in non-obese rats and is exacerbated by premorbid obesity. *Experimental neurology*, 379, 114847.

Zareen N, et al. (2024) Molecular signaling predicts corticospinal axon growth state and muscle response plasticity induced by neuromodulation. *Proceedings of the National Academy of Sciences of the United States of America*, 121(47), e2408508121.

Fuller DD, et al. (2024) Neonatal systemic gene therapy restores cardiorespiratory function in a rat model of Pompe disease. *bioRxiv : the preprint server for biology*.

Aldrich JC, et al. (2024) Effects of dim light at night in C57BL/6J mice on recovery after spinal cord injury. *bioRxiv : the preprint server for biology*.

Rouchka EC, et al. (2024) Construction of a Searchable Database for Gene Expression Changes in Spinal Cord Injury Experiments. *Journal of neurotrauma*, 41(9-10), 1030.

Brennan FH, et al. (2024) Microglia promote maladaptive plasticity in autonomic circuitry after spinal cord injury in mice. *Science translational medicine*, 16(751), eadi3259.

Sheoran A, et al. (2024) Data reporting quality and semantic interoperability increase with community-based data elements (CoDEs). *Analysis of the open data commons for spinal cord injury (ODC-SCI)*. *Experimental neurology*, 385, 115100.

Aldrich JC, et al. (2024) Effects of dim light at night in C57BL/6J mice on recovery after spinal cord injury. *Experimental neurology*, 375, 114725.

Omondi C, et al. (2024) Improving rigor and reproducibility in western blot experiments with the blotRig analysis. *Scientific reports*, 14(1), 21644.

Rouchka EC, et al. (2023) Construction of a searchable database for gene expression changes in spinal cord injury experiments. *bioRxiv : the preprint server for biology*.

Stewart AN, et al. (2023) PTEN knockout using retrogradely transported AAVs restores locomotor abilities in both acute and chronic spinal cord injury. *bioRxiv : the preprint server for biology*.