

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, storage service resource, portal, data or information resource, data repository, topical portal

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

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

Record Creation Time: 20220129T080331+0000

Record Last Update: 20250426T060602+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 32 mentions in open access literature.

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

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).

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.

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.

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

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.

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

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.

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/6 J 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*.

Kuehn N, et al. (2023) Intermediate gray matter interneurons in the lumbar spinal cord play a critical and necessary role in coordinated locomotion. *PLoS one*, 18(10), e0291740.

Sunshine MD, et al. (2023) Oxygen therapy attenuates neuroinflammation after spinal cord injury. *Journal of neuroinflammation*, 20(1), 303.

Mondello SE, et al. (2023) Optogenetic spinal stimulation promotes new axonal growth and skilled forelimb recovery in rats with sub-chronic cervical spinal cord injury. *Journal of neural engineering*, 20(5).

Chou A, et al. (2023) Correction: Expert-augmented automated machine learning optimizes hemodynamic predictors of spinal cord injury outcome. *PLoS one*, 18(11), e0294081.

Metz K, et al. (2023) Facilitation of sensory transmission to motoneurons during cortical or sensory-evoked primary afferent depolarization (PAD) in humans. *The Journal of physiology*, 601(10), 1897.

Metz K, et al. (2023) Post-activation depression from primary afferent depolarization (PAD) produces extensor H-reflex suppression following flexor afferent conditioning. *The Journal of physiology*, 601(10), 1925.

Baltazar A, et al. (2023) Differences in Anatomical Outcomes Between Early Chronic and Far Chronic Time-Points After Transplantation of Spinal Cord Neural Progenitor Cells in Mice. *Journal of neurotrauma*, 40(23-24), 2487.