

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>

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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: data or information resource, data repository, portal, service resource, storage service resource, 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 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 53 mentions in open access literature.

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

Mickle A, et al. (2026) Hypoglossal motor output is altered by C4 epidural electrical stimulation via ascending spinal and peripheral feedback pathways. bioRxiv : the preprint server for biology.

Elwardany OS, et al. (2026) Lumbar intrathecal catheterization in rats targeting the cerebral cortex: a drug delivery method and validation. bioRxiv : the preprint server for biology.

Malik RN, et al. (2026) Moving from mechanisms to clinical practice: non-invasive spinal cord stimulation for recovery of autonomic functions after spinal cord injury - a protocol for a pilot randomised controlled trial. BMJ open, 16(5), e119795.

Giddings GA, et al. (2026) Vascular integrity and immune infiltration in SCI pain: Can exercise tip the balance? Experimental neurology, 400, 115702.

Hemmerle DD, et al. (2026) Quality of Life and Function from Initial Injury to Follow-up in the First Year after Traumatic Spinal Cord Injury. Journal of neurotrauma, 8977151261433823.

Calvert JS, et al. (2026) Perilesional neuromodulation replaces lost sensorimotor function in persons with spinal cord injury. Nature biomedical engineering.

Ayata C, et al. (2026) Preclinical Ischemic Stroke Multicenter Trials (PRISM) Collective Statement: Opportunities, Challenges, and Recommendations for a New Era. Stroke, 57(1), e12.

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).

Reid SK, et al. (2025) Sex-dependent effects of peptidylarginine deiminases on neutrophil function and long-term outcomes after spinal cord injury. *Experimental neurology*, 393, 115414.

Reid SK, et al. (2025) Recombinant human DNase treatment mitigates extracellular trap mediated damage and improves long-term recovery after spinal cord injury in male mice. *Brain, behavior, and immunity*, 128, 456.

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.

Al-Khayat N, et al. (2025) Acute Chemodenervation 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.

Wireman OH, et al. (2025) Complete High Thoracic Spinal Cord Injury Causes Bowel Dysfunction in Mice. *Journal of neurotrauma*, 42(23-24), 2254.

Zhou X, et al. (2025) Biodegradable and anti-swelling peptide-based supermolecule hydrogel for eliminating ROS and inhibiting inflammation in acute spinal cord injury repair. *Acta biomaterialia*, 205, 193.

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

Sinopoulou E, et al. (2025) Extensive restoration of forelimb function in primates with spinal cord injury by neural stem cell transplantation. *Nature biotechnology*.

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.

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.

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