

Resource Summary Report

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Brain Canada

RRID:SCR_005053

Type: Tool

Proper Citation

Brain Canada (RRID:SCR_005053)

Resource Information

URL: <http://braincanada.ca/>

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Description: Brain Canada is a national non-profit organization that develops and supports collaborative, multidisciplinary, multi-institutional research across the neurosciences. Through partnering with the public, private and voluntary sectors, Brain Canada connects the knowledge and resources available in this area to accelerate neuroscience research and funding and maximize the output of Canada's world-class scientists and researchers. Brain Canada was created to address the twin challenges of increasing the scale of brain research funding in Canada and widening its scope to encourage interdisciplinary collaboration to produce insights for treating multiple disorders. Brain Canada is built on the successes and model of NeuroScience Canada (NSC). Established in 1999, NSC raised more than \$11.5 million, leveraged over \$20 million with partnered funding, and funded 100 individual and teams of researchers in Canada. Brain Canada is the new vision for Canadian brain researchthe voice for the brain and the grouping of brain disorders, raising awareness about their prevalence and impact on individuals, families, the economy and society. But most important, through the research we are funding, we are giving hope to the millions of Canadians who are directly or indirectly touched by diseases, disorders, and injuries of the brain, spinal cord and nervous system.

Abbreviations: Brain Canada

Synonyms: Brain Canada Foundation

Resource Type: data or information resource, funding resource, portal, topical portal

Keywords: brain, neuroscience, research, brain disorder

Resource Name: Brain Canada

Resource ID: SCR_005053

Alternate IDs: nlx_144038

Record Creation Time: 20220129T080228+0000

Record Last Update: 20260912T200010+0000

Ratings and Alerts

No rating or validation information has been found for Brain Canada.

No alerts have been found for Brain Canada.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Farahani A, et al. (2026) Aging and metabolism contribute separately to brain-body health. PLoS biology, 24(6), e3003856.

Hwang Y, et al. (2026) Microstructural profiles of the human superficial white matter and their associations to cortical geometry and connectivity. PLoS biology, 24(1), e3003629.

Dogra D, et al. (2025) Modulation of NMDA receptor signaling and zinc chelation prevent seizure-like events in a zebrafish model of SLC13A5 epilepsy. PLoS biology, 23(4), e3002499.

Saunders N, et al. (2025) Comprehensive analysis platform to understand, remedy, and eliminate amyotrophic lateral sclerosis (CAPTURE ALS): Study protocol for a Canadian multicenter, multimodal, longitudinal observational study. PloS one, 20(12), e0332430.

Borderie A, et al. (2024) Cross-frequency coupling in cortico-hippocampal networks supports the maintenance of sequential auditory information in short-term memory. PLoS biology, 22(3), e3002512.

Aceves-Serrano L, et al. (2024) Evaluation of microglia activation related markers following a clinical course of TBS: A non-human primate study. PloS one, 19(5), e0301118.

Nuechterlein A, et al. (2023) Open science in play and in tension with patent protections. Journal of law and the biosciences, 10(2), l5ad016.

Walker MR, et al. (2019) Acute ex vivo changes in brain white matter diffusion tensor metrics. PloS one, 14(9), e0223211.

Giguere N, et al. (2019) Increased vulnerability of nigral dopamine neurons after expansion of their axonal arborization size through D2 dopamine receptor conditional knockout. PLoS genetics, 15(8), e1008352.

O'Reilly C, et al. (2017) Is functional brain connectivity atypical in autism? A systematic review of EEG and MEG studies. PloS one, 12(5), e0175870.

Armstrong GA, et al. (2016) Homology Directed Knockin of Point Mutations in the Zebrafish *tardbp* and *fus* Genes in ALS Using the CRISPR/Cas9 System. PloS one, 11(3), e0150188.