Resource Summary Report

Generated by NIF on Aug 19, 2026

Allen Institute for Brain Science

RRID:SCR_006491
Type: Tool

Proper Citation

Allen Institute for Brain Science (RRID:SCR_006491)

Resource Information

URL: http://www.brain-map.org

Proper Citation: Allen Institute for Brain Science (RRID:SCR_006491)

Description: Seattle based independent, nonprofit medical research organization dedicated to accelerating the understanding of how human brain works. Provides free data and tools to researchers and educators and variety of unique online public resources for exploring the nervous system. Integrates gene expression data and neuroanatomy, along with data search and viewing tools, these resources are openly accessible via the Allen Brain Atlas data portal. Provides Allen Mouse Brain, Allen Spinal Cord Atlas, Allen Developing Mouse Brain Atlas, Allen Human Brain Atlas,Allen Mouse Brain Connectivity Atlas, Allen Cell Type Database, The Ivy Glioblastoma Atlas Project (Ivy GAP), The BrainSpan Atlas of the Developing Human Brain.

Synonyms: The Allen Institute for Brain Science, Allen Mouse Brain

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

Keywords: Institute, embryonic, gene, expression, data, neuroscience, medical, research, neuroanatomy

Resource Name: Allen Institute for Brain Science

Resource ID: SCR_006491

Alternate IDs: nif-0000-00146

Record Creation Time: 20220129T080236+0000

Record Last Update: 20260819T044159+0000

Ratings and Alerts

No rating or validation information has been found for Allen Institute for Brain Science.

No alerts have been found for Allen Institute for Brain Science.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 803 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Hipolito AGR, et al. (2026) Human and mouse cerebellar inhibitory circuits in dystonic crisis and their modulation with therapeutic stimulation. bioRxiv : the preprint server for biology.

Gu S, et al. (2026) Isoquinoline alkaloids in Coptis chinensis to treat Alzheimer's disease through promoting growth of Bifidobacterium breve inhibiting abnormal autophagy using a novel AI high-content intelligent imaging system. Chinese herbal medicines, 18(2), 405.

Ferrari-Souza JP, et al. (2026) Microglia modulate A?-dependent astrocyte reactivity in Alzheimer's disease. Nature neuroscience, 29(1), 81.

Robinson KJ, et al. (2026) Investigating the pathogenic role of calpain proteases and the therapeutic potential of their inhibition in mice modelling Machado-Joseph disease. Human molecular genetics, 35(3).

Liu J, et al. (2026) Recent developments in imaging transcriptomics for psychiatric disorders. Psychoradiology, 6, kkag010.

Liu WT, et al. (2026) Cortical Somatostatin Neurons Regulate Seizure Susceptibility via MINAR1/G?s-cAMP Signaling. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(21), e19388.

Perez GA, et al. (2026) Neuronal subtype governs amyloid structure, cellular response, and cognitive outcome in genetically targeted APP mouse models. Molecular neurodegeneration, 21(1), 2.

Ambrosone M, et al. (2026) Disrupted cortex-wide dynamics impair motor planning in Shank3-mutant mice. bioRxiv : the preprint server for biology.

Sonpatki P, et al. (2026) A spatially resolved human glioblastoma atlas reveals distinct cellular and molecular patterns of anatomical niches. Nature communications, 17(1).

Huang X, et al. (2025) Genetic mechanisms of hemispheric functional connectivity in diabetic retinopathy: a joint neuroimaging and transcriptomic study. Frontiers in cell and developmental biology, 13, 1590627.

Yu J, et al. (2025) HCNetlas: A reference database of human cell type-specific gene networks to aid disease genetic analyses. PLoS biology, 23(2), e3002702.

Chen Z, et al. (2025) Abnormal eye movement, brain regional homogeneity in schizophrenia and clinical high-risk individuals and their associated gene expression profiles. Schizophrenia (Heidelberg, Germany), 11(1), 64.

Vignozzi L, et al. (2025) Combining gamma neuromodulation and robotic rehabilitation after a stroke restores parvalbumin interneuron dynamics and improves motor recovery in mice. PLoS biology, 23(10), e3002806.

Wang X, et al. (2025) GABAergic neurons in central amygdala contribute to orchestrating anxiety-like behaviors and breathing patterns. Nature communications, 16(1), 3544.

Tiberi A, et al. (2025) Microglia drive synaptic and functional connectivity deficits in the Ts65Dn mouse model of Down syndrome by affecting inhibition. Acta neuropathologica communications, 14(1), 21.

Minetti A, et al. (2025) Parkinsonism disrupts cortical function by dysregulating oscillatory, network and synaptic activity of parvalbumin positive interneurons. NPJ Parkinson's disease, 11(1), 194.

Zhang Y, et al. (2025) From risk to chronicity: genetic and neuroimaging insights into the evolving patterns of spontaneous brain activity in schizophrenia. Psychological medicine, 55, e306.

Zhao W, et al. (2025) Neural Correlates of Peripheral Inflammation in Major Depressive Disorder and Their Transcriptomic Architecture, Neurochemical Basis, and Behavioral Relevance. Human brain mapping, 46(14), e70371.

Guardamagna M, et al. (2025) Direct entorhinal control of CA1 temporal coding. Nature communications, 16(1), 6430.

Trudel L, et al. (2025) APOE ?4 potentiates tau related reactive astrogliosis assessed by cerebrospinal fluid YKL40 in Alzheimer's disease. Communications medicine, 5(1), 484.