Resource Summary Report

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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: portal, atlas, data or information resource, 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: 20260801T190742+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 759 mentions in open access literature.

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

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.

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.

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.

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.

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.

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.

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.

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

Perez-Canamas A, et al. (2025) mGluR4-Npdc1 complex mediates ?-synuclein fibril-induced neurodegeneration. bioRxiv : the preprint server for biology.

Adewale Q, et al. (2025) Patient-centered brain transcriptomic and multimodal imaging determinants of clinical progression, physical activity, and treatment needs in Parkinson's disease. NPJ Parkinson's disease, 11(1), 29.

Dong HW, et al. (2025) Neural Networks of the Mouse Primary Visceromotor Cortex. Research square.

Jing J, et al. (2025) Molecular logic for cellular specializations that initiate the auditory parallel processing pathways. Nature communications, 16(1), 489.

Montagni E, et al. (2025) Age-dependent cortical overconnectivity in Shank3 mice is reversed by anesthesia. Translational psychiatry, 15(1), 154.

Li M, et al. (2025) Functional contrast across the gray-white matter boundary. Nature communications, 16(1), 6077.

Yang F, et al. (2025) Mapping the neural and molecular basis underlying fatigue in Parkinson's disease. NPJ Parkinson's disease, 12(1), 3.

Ma X, et al. (2025) Neuroimaging stratification reveals the striatal vulnerability to stress as a risk for schizophrenia. Translational psychiatry, 15(1), 18.

King L, et al. (2025) Transcriptomic gradients of the human cerebellum. Imaging neuroscience (Cambridge, Mass.), 3.

Hing B, et al. (2024) Transcriptomic Evaluation of a Stress Vulnerability Network Using Single-Cell RNA Sequencing in Mouse Prefrontal Cortex. Biological psychiatry, 96(11), 886.