Resource Summary Report

Generated by Kravitz on Sep 10, 2026

National Chimpanzee Brain Resource

RRID:SCR_019183
Type: Tool

Proper Citation

National Chimpanzee Brain Resource (RRID:SCR_019183)

Resource Information

URL: http://www.chimpanzeebrain.org/

Proper Citation: National Chimpanzee Brain Resource (RRID:SCR_019183)

Description: Collection and distribution of chimpanzee neuroimaging data and postmortem brain tissue. Portal to access chimpanzee brain atlas tools, data repository, bibliography of publications, educational information, and links to other chimpanzee brain resources and datasets on the Internet. Serves as repository for in vivo structural MRI scans of chimpanzee brains, in vivo and postmortem diffusion tensor images (DTI), as well as postmortem fixed and frozen brain specimens.

Abbreviations: NCBR

Resource Type: atlas, data or information resource, data repository, portal, service resource, storage service resource

Keywords: Chimpanzee, Pan Troglodytes, Brain, MRI, DTI, chimpanzee neuroimaging data, postmortem brain tissue, chimpanzee brain atlas

Funding: National Institute of Neurological Disorders and Stroke

Availability: Free, Freely available

Resource Name: National Chimpanzee Brain Resource

Resource ID: SCR_019183

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260905T132847+0000

Ratings and Alerts

No rating or validation information has been found for National Chimpanzee Brain Resource.

No alerts have been found for National Chimpanzee Brain Resource.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Chauvel M, et al. (2026) Evolutionary signatures in deep white matter architecture: A comparative study of humans and chimpanzees. Imaging neuroscience (Cambridge, Mass.), 4.

Nolan E, et al. (2026) The inferior frontal sulcus in the chimpanzee brain: morphological examination and association with oro-facial communication. Cerebral cortex (New York, N.Y. : 1991), 36(1).

Hecht EE, et al. (2025) Individual variation in the chimpanzee arcuate fasciculus predicts vocal and gestural communication. Nature communications, 16(1), 3681.

Wang Y, et al. (2025) The Chimpanzee Brainnetome Atlas reveals distinct connectivity and gene expression profiles relative to humans. Innovation (Cambridge (Mass.)), 6(2), 100755.

Sathishkumar RN, et al. (2025) A morphological comparison of the caudal rami of the superior temporal sulcus in humans, chimpanzees, and other great apes. bioRxiv : the preprint server for biology.

Hopkins WD, et al. (2025) Brain age gap is associated with cognitive abilities in captive chimpanzees. Scientific reports, 15(1), 41984.

Wang Y, et al. (2025) Evolutionary Convergence of the Arcuate Fasciculus in Marmosets and Humans. bioRxiv : the preprint server for biology.

Rickelton K, et al. (2025) Transcriptomic changes across subregions of the primate cerebellum support the evolution of uniquely human behaviors. bioRxiv : the preprint server for biology.

Amano H, et al. (2025) Enlargement of the human prefrontal cortex and brain mentalizing network: anatomically homogenous cross-species brain transformation. Brain structure & function, 230(2), 34.

Hopkins WD, et al. (2025) Gray matter volume and asymmetry in Broca's and Wernicke's area homologs in chimpanzees (Pan troglodytes) using a probabilistic region of interest

approach. NeuroImage, 307, 121038.

Chauvel M, et al. (2025) Corpus callosum microstructure in chimpanzees (pan troglodytes): associations with age, handedness and cognition. Frontiers in aging neuroscience, 17, 1611611.

Chauvel M, et al. (2024) Comparative analysis of the chimpanzee and human brain superficial structural connectivities. Brain structure & function, 229(8), 1943.

Wang Y, et al. (2024) Comparative Analysis of Human-Chimpanzee Divergence in Brain Connectivity and its Genetic Correlates. bioRxiv : the preprint server for biology.

Eichner C, et al. (2024) Detailed mapping of the complex fiber structure and white matter pathways of the chimpanzee brain. Nature methods, 21(6), 1122.

Mulholland MM, et al. (2024) Long term impacts of early social environment on chimpanzee white matter. Scientific reports, 14(1), 29879.

Rickelton K, et al. (2024) Tempo and mode of gene expression evolution in the brain across primates. eLife, 13.

van den Heuvel MP, et al. (2023) Human and chimpanzee shared and divergent neurobiological systems for general and specific cognitive brain functions. Proceedings of the National Academy of Sciences of the United States of America, 120(22), e2218565120.

Amiez C, et al. (2023) The relevance of the unique anatomy of the human prefrontal operculum to the emergence of speech. Communications biology, 6(1), 693.

Demirci N, et al. (2023) Systematic cortical thickness and curvature patterns in primates. NeuroImage, 278, 120283.

de Sousa AA, et al. (2023) From fossils to mind. Communications biology, 6(1), 636.