

Resource Summary Report

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Human Brain Project EU

RRID:SCR_002241

Type: Tool

Proper Citation

Human Brain Project EU (RRID:SCR_002241)

Resource Information

URL: <https://www.humanbrainproject.eu/>

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Description: Global, collaborative effort for neuroscience, medicine and computing to understand brain, its diseases and its computational capabilities. Goal is to obtain access to research, data sources, platforms and infrastructures offered by other organisations, and enabling organizations outside HBP to use HBP platforms to pursue their own research. Coordinating these activities is the responsibility of the European Research Programme.

Abbreviations: HBP EU, HBP, European HBP,

Synonyms: European Human Brain Project

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

Keywords: brain, ethics, neuroscience, medicine, computing, treatment, brain disease, neuroinformatics, software development, computational modeling, software, connectomics

Availability: Restricted

Resource Name: Human Brain Project EU

Resource ID: SCR_002241

Alternate IDs: nlx_155553

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260728T043125+0000

Ratings and Alerts

No rating or validation information has been found for Human Brain Project EU.

No alerts have been found for Human Brain Project EU.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 67 mentions in open access literature.

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

Kuckertz A, et al. (2025) Serotonin Receptors in Areas of the Emotion Regulation Network in Human and Rat Brains-A Comparative Autoradiographic Study. The Journal of comparative neurology, 533(7), e70068.

Plesser HE, et al. (2025) Building on models-a perspective for computational neuroscience. Cerebral cortex (New York, N.Y. : 1991), 35(11).

Ghosh M, et al. (2025) Spiking Neural Network Models of Interaural Time Difference Extraction via a Massively Collaborative Process. eNeuro, 12(7).

Olson HA, et al. (2025) Measuring and interpreting individual differences in fetal, infant, and toddler neurodevelopment. Developmental cognitive neuroscience, 73, 101539.

Joshi A, et al. (2024) A systematic review of automated methods to perform white matter tract segmentation. Frontiers in neuroscience, 18, 1376570.

Gutzen R, et al. (2024) A modular and adaptable analysis pipeline to compare slow cerebral rhythms across heterogeneous datasets. Cell reports methods, 4(1), 100681.

Chen Z, et al. (2024) Constructing and exploring neuroimaging projects: a survey from clinical practice to scientific research. Insights into imaging, 15(1), 272.

Frégnac Y, et al. (2023) Flagship Afterthoughts: Could the Human Brain Project (HBP) Have Done Better? eNeuro, 10(11).

Xu K, et al. (2023) Brain structure variability study in pilots based on VBM. PloS one, 18(1), e0276957.

Cockle E, et al. (2023) An international survey of SEEG cortical stimulation practices. Epilepsia open, 8(3), 1084.

Gómez-Emilsson A, et al. (2023) Don't forget the boundary problem! How EM field topology can address the overlooked cousin to the binding problem for consciousness. Frontiers in human neuroscience, 17, 1233119.

Zavala Hernández JG, et al. (2022) Virtual Intelligence: A Systematic Review of the Development of Neural Networks in Brain Simulation Units. *Brain sciences*, 12(11).

Poline JB, et al. (2022) Is Neuroscience FAIR? A Call for Collaborative Standardisation of Neuroscience Data. *Neuroinformatics*, 20(2), 507.

An S, et al. (2022) High-resolution virtual brain modeling personalizes deep brain stimulation for treatment-resistant depression: Spatiotemporal response characteristics following stimulation of neural fiber pathways. *NeuroImage*, 249, 118848.

Herate C, et al. (2022) The effects of repeated brain MRI on chromosomal damage. *European radiology experimental*, 6(1), 12.

Beauvais MJS, et al. (2021) A marathon, not a sprint - neuroimaging, Open Science and ethics. *NeuroImage*, 236, 118041.

He Y, et al. (2021) Exploring highly reliable substructures in auto-reconstructions of a neuron. *Brain informatics*, 8(1), 17.

Saha S, et al. (2021) Progress in Brain Computer Interface: Challenges and Opportunities. *Frontiers in systems neuroscience*, 15, 578875.

Schmitz S, et al. (2021) TechnoBrainBodies-in-Cultures: An Intersectional Case. *Frontiers in sociology*, 6, 651486.

Groeneboom NE, et al. (2020) Nutil: A Pre- and Post-processing Toolbox for Histological Rodent Brain Section Images. *Frontiers in neuroinformatics*, 14, 37.