Resource Summary Report

Generated by NIF on May 7, 2025

EBRAINS Knowledge Graph

RRID:SCR_017612
Type: Tool

Proper Citation

EBRAINS Knowledge Graph (RRID:SCR_017612)

Resource Information

URL: https://kg.ebrains.eu/

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Description: Metadata management system built for EBRAINS. Multi modal metadata store which brings together information from different areas of Human Brain Project as well as from external partners. Graph database tracks linkage between experimental data and neuroscientific data science supporting more extensive data reuse and complex computational research.Supports rich terminologies, ontologies and controlled vocabularies. Built by design to support iterative elaborations of common standards and supports these by probabilistic suggestion and review systems.

Synonyms: New Enabling Infrastructure for Neuroscience Knowledge Graph, EBRAINS Knowledge Graph (KG), HBP Knowledge Graph

Resource Type: data or information resource, database, service resource, software application, software resource, data management software

Keywords: Metadata, managing, system, neuroscience, experimental, data, human, brain, graph, database, terminology, ontology

Funding: European Union’s Horizon 2020 Framework Programme for Research and Innovation 720270;
European Union’s Horizon 2020 Framework Programme for Research and Innovation 785907

Availability: Free, Freely available

Resource Name: EBRAINS Knowledge Graph

Resource ID: SCR_017612

Alternate URLs: https://kg.humanbrainproject.eu/

Record Creation Time: 20220129T080336+0000

Record Last Update: 20250507T061246+0000

Ratings and Alerts

No rating or validation information has been found for EBRAINS Knowledge Graph.

No alerts have been found for EBRAINS Knowledge Graph.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Kleven H, et al. (2024) Comparison of basal ganglia regions across murine brain atlases using metadata models and the Waxholm Space. Scientific data, 11(1), 1036.

Zachlod D, et al. (2022) Combined analysis of cytoarchitectonic, molecular and transcriptomic patterns reveal differences in brain organization across human functional brain systems. NeuroImage, 257, 119286.

Hjorth JJJ, et al. (2021) Predicting Synaptic Connectivity for Large-Scale Microcircuit Simulations Using Snudda. Neuroinformatics, 19(4), 685.

Bologna LL, et al. (2021) The EBRAINS NeuroFeatureExtract: An Online Resource for the Extraction of Neural Activity Features From Electrophysiological Data. Frontiers in neuroinformatics, 15, 713899.

Vetter P, et al. (2020) Decoding Natural Sounds in Early "Visual" Cortex of Congenitally Blind Individuals. Current biology : CB, 30(15), 3039.

Bjerke IE, et al. (2020) Database of literature derived cellular measurements from the murine basal ganglia. Scientific data, 7(1), 211.