

Resource Summary Report

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G-Node Data Infrastructure Services

RRID:SCR_015864

Type: Tool

Proper Citation

G-Node Data Infrastructure Services (RRID:SCR_015864)

Resource Information

URL: <https://gin.g-node.org/>

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Description: Data services that provides a platform for comprehensive and reproducible management and sharing of neuroscience data. Building on well established versioning technology, GIN offers the power of a web based repository management service combined with a distributed file storage.

Abbreviations: GIN

Synonyms: GIN: Modern Research Data Management for Neuroscience

Resource Type: analysis service resource, data analysis service, data repository, production service resource, service resource, storage service resource

Defining Citation: [DOI:10.12751/incf.ni2017.0040](https://doi.org/10.12751/incf.ni2017.0040)

Keywords: systems neuroscience, data sharing, data management, data publication, research data workflow, data analysis

Funding: BMBF 01GQ1302

Availability: Open source, Available to the scientific community, The scientific community can contribute to this resource

Resource Name: G-Node Data Infrastructure Services

Resource ID: SCR_015864

Alternate IDs: r3d100012439

Alternate URLs: <http://www.g-node.org/gin>,
<https://www.re3data.org/repository/r3d100012439>, <https://doi.org/10.17616/R3SX9N>

License URLs: http://www.g-node.org/gin_terms

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260912T195831+0000

Ratings and Alerts

No rating or validation information has been found for G-Node Data Infrastructure Services.

No alerts have been found for G-Node Data Infrastructure Services.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Luis A, et al. (2026) Towards automated fetal brain biometry reporting for 3-dimensional T2-weighted 0.55-3T magnetic resonance imaging at 20-40 weeks gestational age range. *Pediatric radiology*, 56(2), 366.

Allen P, et al. (2025) The Psychosis MRI Shared Data Resource (Psy-ShareD). *Human brain mapping*, 46(3), e70165.

McNabb CB, et al. (2025) WAND: A multi-modal dataset integrating advanced MRI, MEG, and TMS for multi-scale brain analysis. *Scientific data*, 12(1), 220.

Sengupta N, et al. (2025) Axon collateralization and focal myelin dystrophy alter action potential propagation in multicompartiment pyramidal neuron models. *PLoS computational biology*, 21(12), e1013733.

Hall-McMaster S, et al. (2025) Neural evidence that humans reuse strategies to solve new tasks. *PLoS biology*, 23(6), e3003174.

Pierré A, et al. (2024) A Perspective on Neuroscience Data Standardization with Neurodata Without Borders. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(38).

Kalantari A, et al. (2023) How to establish and maintain a multimodal animal research dataset using DataLad. *Scientific data*, 10(1), 357.

Hladnik TC, et al. (2023) Receptive field sizes and neuronal encoding bandwidth are constrained by axonal conduction delays. *PLoS computational biology*, 19(8), e1010871.

- de Vries SEJ, et al. (2023) Sharing neurophysiology data from the Allen Brain Observatory. *eLife*, 12.
- Auksztulewicz R, et al. (2023) Omission responses in local field potentials in rat auditory cortex. *BMC biology*, 21(1), 130.
- Carstens L, et al. (2023) Effects of a single dose of amisulpride on functional brain changes during reward- and motivation-related processing using task-based fMRI in healthy subjects and patients with major depressive disorder - study protocol for a randomized clinical trial. *Trials*, 24(1), 761.
- Chen X, et al. (2022) 1024-channel electrophysiological recordings in macaque V1 and V4 during resting state. *Scientific data*, 9(1), 77.
- Albers J, et al. (2022) A Modular Workflow for Performance Benchmarking of Neuronal Network Simulations. *Frontiers in neuroinformatics*, 16, 837549.
- Li K, et al. (2022) The precedence effect in spatial hearing manifests in cortical neural population responses. *BMC biology*, 20(1), 48.
- Horváth C, et al. (2021) Dataset of cortical activity recorded with high spatial resolution from anesthetized rats. *Scientific data*, 8(1), 180.
- Ghamkharinejad G, et al. (2021) Unconditioned and learned morphine tolerance influence hippocampal-dependent short-term memory and the subjacent expression of GABA-A receptor alpha subunits. *PLoS one*, 16(9), e0253902.
- Sehara K, et al. (2021) Real-Time Closed-Loop Feedback in Behavioral Time Scales Using DeepLabCut. *eNeuro*, 8(2).
- Schaeffer DJ, et al. (2020) Face selective patches in marmoset frontal cortex. *Nature communications*, 11(1), 4856.
- Gill JP, et al. (2020) neurotic: Neuroscience Tool for Interactive Characterization. *eNeuro*, 7(3).
- Lepperød ME, et al. (2020) Experimental Pipeline (Expipe): A Lightweight Data Management Platform to Simplify the Steps From Experiment to Data Analysis. *Frontiers in neuroinformatics*, 14, 30.