

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: data repository, data analysis service, service resource, analysis service resource, storage service resource, production 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 URLs: <http://www.g-node.org/gin>,
<https://www.re3data.org/repository/r3d100012439>

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

Record Creation Time: 20220129T080327+0000

Record Last Update: 20250430T060034+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 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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).

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.

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

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.

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).

Lepperød ME, et al. (2020) Experimental Pipeline (Expipeline): A Lightweight Data Management Platform to Simplify the Steps From Experiment to Data Analysis. *Frontiers in neuroinformatics*, 14, 30.

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).

Gutzen R, et al. (2018) Reproducible Neural Network Simulations: Statistical Methods for Model Validation on the Level of Network Activity Data. *Frontiers in neuroinformatics*, 12, 90.