# **Resource Summary Report**

Generated by NIF on Apr 27, 2025

# Distributed Archives for Neurophysiology Data Integration

RRID:SCR\_017571

Type: Tool

# **Proper Citation**

Distributed Archives for Neurophysiology Data Integration (RRID:SCR\_017571)

#### **Resource Information**

**URL:** https://dandiarchive.org

Proper Citation: Distributed Archives for Neurophysiology Data Integration

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**Description:** DANDI is a platform for publishing, sharing, and processing neurophysiology data funded by the BRAIN Initiative. The archive is not just an endpoint to dump data, it is intended as a living repository that enables collaboration within and across labs, and for others, the entry point for research.

**Abbreviations: DANDI** 

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

Funding: NIH R24 MH117295

Resource Name: Distributed Archives for Neurophysiology Data Integration

Resource ID: SCR\_017571

Alternate IDs: DOI:10.25504/FAIRsharing.f2c119, DOI:10.48324

**Alternate URLs:** https://doi.org/10.48324/, https://dx.doi.org/10.48324/,

https://fairsharing.org/10.25504/FAIRsharing.f2c119

**Record Creation Time: 20220129T080335+0000** 

Record Last Update: 20250426T060631+0000

# **Ratings and Alerts**

No rating or validation information has been found for Distributed Archives for Neurophysiology Data Integration.

No alerts have been found for Distributed Archives for Neurophysiology Data Integration.

#### 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 NIF.

Mendoza-Halliday D, et al. (2024) A ubiquitous spectrolaminar motif of local field potential power across the primate cortex. Nature neuroscience, 27(3), 547.

Jahanshad N, et al. (2024) Current best practices and future opportunities for reproducible findings using large-scale neuroimaging in psychiatry. Neuropsychopharmacology: official publication of the American College of Neuropsychopharmacology, 50(1), 37.

lyer S, et al. (2024) The BRAIN Initiative data-sharing ecosystem: Characteristics, challenges, benefits, and opportunities. eLife, 13.

Sprague DY, et al. (2024) Unifying community-wide whole-brain imaging datasets enables robust automated neuron identification and reveals determinants of neuron positioning in C. elegans. bioRxiv: the preprint server for biology.

Poldrack RA, et al. (2024) The Past, Present, and Future of the Brain Imaging Data Structure (BIDS). ArXiv.

Luo F, et al. (2024) Comparative Physiology and Morphology of BLA-Projecting NBM/SI Cholinergic Neurons in Mouse and Macaque. The Journal of comparative neurology, 532(11), e70001.

Fukushi T, et al. (2024) East Asian perspective of responsible research and innovation in neurotechnology. IBRO neuroscience reports, 16, 582.

Meyer-Baese L, et al. (2024) Cortical Networks Relating to Arousal Are Differentially Coupled to Neural Activity and Hemodynamics. The Journal of neuroscience: the official journal of the Society for Neuroscience, 44(25).

Ly R, et al. (2024) Structured behavioral data format: An NWB extension standard for task-based behavioral neuroscience experiments. bioRxiv: the preprint server for biology.

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).

Park J, et al. (2024) Integrated platform for multiscale molecular imaging and phenotyping of the human brain. Science (New York, N.Y.), 384(6701), eadh9979.

Poldrack RA, et al. (2024) The past, present, and future of the brain imaging data structure (BIDS). Imaging neuroscience (Cambridge, Mass.), 2, 1.

Subash P, et al. (2023) A comparison of neuroelectrophysiology databases. Scientific data, 10(1), 719.

Hawrylycz M, et al. (2023) A guide to the BRAIN Initiative Cell Census Network data ecosystem. PLoS biology, 21(6), e3002133.

Ament SA, et al. (2023) The Neuroscience Multi-Omic Archive: a BRAIN Initiative resource for single-cell transcriptomic and epigenomic data from the mammalian brain. Nucleic acids research, 51(D1), D1075.

Huerta EA, et al. (2023) FAIR for AI: An interdisciplinary and international community building perspective. Scientific data, 10(1), 487.

de Vries SEJ, et al. (2023) Sharing neurophysiology data from the Allen Brain Observatory. eLife, 12.

Zeng X, et al. (2023) Segmentation of supragranular and infragranular layers in ultra-high resolution 7T ex vivo MRI of the human cerebral cortex. bioRxiv: the preprint server for biology.

Ma M, et al. (2023) Decision-Making Time Cells in Hippocampal Dorsal CA1. bioRxiv: the preprint server for biology.

Eke DO, et al. (2022) International data governance for neuroscience. Neuron, 110(4), 600.