

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

Neurobiological Image Management System

RRID:SCR_006594

Type: Tool

Proper Citation

Neurobiological Image Management System (RRID:SCR_006594)

Resource Information

URL: <https://github.com/cni/nims>

Proper Citation: Neurobiological Image Management System (RRID:SCR_006594)

Description: A scientific data management system specifically designed for neuroimaging data. NIMS automatically reaps data from the measurement instrument (e.g., MR scanner), sorts and organizes the data based on header information, does some basic processing on the data, and makes the data available to authorized users through a web-based interface. The data are also available from the command-line through a FUSE-based filesystem.

Abbreviations: NIMS

Synonyms: NIMS: Neurobiological Image Management System, Neuro-Image Management System, Neuro-Image Management System (NIMS)

Resource Type: software resource, software application, data management software

Keywords: computational neuroscience, computed tomography, eeg, meg, electrocorticography, magnetic resonance, pet, spect, neuroimaging

Availability: MIT License

Resource Name: Neurobiological Image Management System

Resource ID: SCR_006594

Alternate IDs: nlx_155895

Alternate URLs: <http://www.nitrc.org/projects/nims>

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260801T042618+0000

Ratings and Alerts

No rating or validation information has been found for Neurobiological Image Management System.

No alerts have been found for Neurobiological Image Management System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Siciliani D, et al. (2024) Effects of dietary fish to rapeseed oil ratio on steatosis symptoms in Atlantic salmon (*Salmo salar* L) of different sizes. Scientific reports, 14(1), 18006.

Landau-Prat D, et al. (2023) Müller's Muscle as a Sensory Proprioceptive Organ: Histological and Histochemical Analysis. Investigative ophthalmology & visual science, 64(5), 18.

Theil D, et al. (2021) Orally administered branaplam does not impact neurogenesis in juvenile mice, rats, and dogs. Biology open, 10(10).

Alshamrani A, et al. (2021) Long-Term but Not Short-Term Maternal Fasting Reduces Nephron Number and Alters the Glomerular Filtration Barrier in Rat Offspring. Life (Basel, Switzerland), 11(4).

Lillepärq J, et al. (2019) Characteristics of Gas Permeation Behaviour in Multilayer Thin Film Composite Membranes for CO₂ Separation. Membranes, 9(2).

Luk SJ, et al. (2018) PRAME and HLA Class I expression patterns make synovial sarcoma a suitable target for PRAME specific T-cell receptor gene therapy. Oncoimmunology, 7(12), e1507600.

Williams LM, et al. (2016) Developing a clinical translational neuroscience taxonomy for anxiety and mood disorder: protocol for the baseline-follow up Research domain criteria Anxiety and Depression ("RAD") project. BMC psychiatry, 16, 68.