

Resource Summary Report

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Center for Neuroanatomy with Neurotropic Viruses

RRID:SCR_024984

Type: Tool

Proper Citation

Center for Neuroanatomy with Neurotropic Viruses (RRID:SCR_024984)

Resource Information

URL: <https://reporter.nih.gov/search/hvpwEnhrcme3hBlIHNgng/project-details/10023321>

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Description: This national resource was created to provide neuroscience community with access to reagents, training and facilities that are necessary to use neurotropic viruses as transneuronal tracers.

Abbreviations: CNNV

Resource Type: data or information resource, portal, organization portal, project portal

Keywords: NIH, ORIP, Office of Research Infrastructure Programs, neurotropic viruses, transneuronal tracers,

Funding: NIH Office of the Director 2P40OD010996-16

Resource Name: Center for Neuroanatomy with Neurotropic Viruses

Resource ID: SCR_024984

Alternate URLs: <https://www.cnnv.pitt.edu/>

Record Creation Time: 20240201T171711+0000

Record Last Update: 20260820T055030+0000

Ratings and Alerts

No rating or validation information has been found for Center for Neuroanatomy with Neurotropic Viruses.

No alerts have been found for Center for Neuroanatomy with Neurotropic Viruses.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 115 mentions in open access literature.

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

Mendelsohn AI, et al. (2025) Segregated basal ganglia output pathways correspond to genetically divergent neuronal subclasses. Cell reports, 44(4), 115454.

Schreurs BG, et al. (2024) The Role of Cerebellar Intrinsic Neuronal Excitability, Synaptic Plasticity, and Perineuronal Nets in Eyeblink Conditioning. Biology, 13(3).

Maturana CJ, et al. (2024) Persistent transgene expression in peripheral tissues one year post intravenous and intramuscular administration of AAV vectors containing the alphaherpesvirus latency-associated promoter 2. Frontiers in virology (Lausanne, Switzerland), 4.

Nekanti U, et al. (2024) Multichannel bridges and NSC synergize to enhance axon regeneration, myelination, synaptic reconnection, and recovery after SCI. NPJ Regenerative medicine, 9(1), 12.

Carmona LM, et al. (2024) Topographical and cell type-specific connectivity of rostral and caudal forelimb corticospinal neuron populations. Cell reports, 43(4), 113993.

Engel EA, et al. (2023) Transneuronal Circuit Analysis with Pseudorabies Viruses. Current protocols, 3(7), e841.

Maturana CJ, et al. (2023) Local and systemic administration of AAV vectors with alphaherpesvirus latency-associated promoter 2 drives potent transgene expression in mouse liver, kidney, and skeletal muscle. Journal of virological methods, 314, 114688.

Maturana CJ, et al. (2023) Novel tool to quantify with single-cell resolution the number of incoming AAV genomes co-expressed in the mouse nervous system. Gene therapy, 30(5), 463.

Maturana CJ, et al. (2023) Engineered compact pan-neuronal promoter from Alphaherpesvirus LAP2 enhances target gene expression in the mouse brain and reduces tropism in the liver. Gene therapy.

Russo S, et al. (2023) Stress-activated brain-gut circuits disrupt intestinal barrier integrity and social behaviour. Research square.

Li L, et al. (2023) Social trauma engages lateral septum circuitry to occlude social reward. Nature, 613(7945), 696.

Jiang Y, et al. (2023) GABAergic leptin receptor-expressing neurons in the dorsomedial hypothalamus project to brown adipose tissue-related neurons in the paraventricular

nucleus of mice. *Autonomic neuroscience : basic & clinical*, 245, 103058.

Scott R, et al. (2023) A critical role for cortical amygdala circuitry in shaping social encounters. *Research square*.

Maurer L, et al. (2023) Hindlimb muscle representations in mouse motor cortex defined by viral tracing. *Frontiers in neuroanatomy*, 17, 965318.

Tierney WM, et al. (2022) Methods and Applications of Campenot Trichamber Neuronal Cultures for the Study of Neuroinvasive Viruses. *Methods in molecular biology (Clifton, N.J.)*, 2431, 181.

Zheng DJ, et al. (2022) Mapping the vocal circuitry of Alston's singing mouse with pseudorabies virus. *The Journal of comparative neurology*, 530(12), 2075.

O'Dell DE, et al. (2022) Eyeblick tract tracing with two strains of herpes simplex virus 1. *Brain research*, 1793, 148040.

Papazoglou I, et al. (2022) A distinct hypothalamus-to-?? cell circuit modulates insulin secretion. *Cell metabolism*, 34(2), 285.

Cerkevich CM, et al. (2022) Cortical basis for skilled vocalization. *Proceedings of the National Academy of Sciences of the United States of America*, 119(19), e2122345119.

Noble BT, et al. (2022) Thoracic VGlut2+ Spinal Interneurons Regulate Structural and Functional Plasticity of Sympathetic Networks after High-Level Spinal Cord Injury. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(17), 3659.