Resource Summary Report

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University of British Columbia NeuroImaging and NeuroComputation Centre Core Facility

RRID:SCR_019086
Type: Tool

Proper Citation

University of British Columbia NeuroImaging and NeuroComputation Centre Core Facility (RRID:SCR_019086)

Resource Information

URL: https://ninc.centreforbrainhealth.ca

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Description: Core facility at Djavad Mowafaghian Centre for Brain Health located at University of British Columbia Hospital on Point Grey campus in Vancouver, BC. NINC offers access to advanced imaging systems and computational resources including confocal and two photon microscopes,live cell imaging, optical coherence tomography, training students and researchers in neuroscience research techniques.

Abbreviations: NINC

Synonyms: University of British Columbia UBC NeuroImaging-NeuroComputation Centre, UBC NeuroImaging-NeuroComputation Centre

Resource Type: core facility, service resource, access service resource

Keywords: USEDit, neuroimaging, neurocomputation, confocal microscopy, two photon microsopy, live cell imaging, optical coherence tomography, ABRF, ABRF

Resource Name: University of British Columbia NeuroImaging and NeuroComputation Centre Core Facility

Resource ID: SCR_019086

Alternate IDs: ABRF_1057

Alternate URLs: https://coremarketplace.org/?FacilityID=1057

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260801T191243+0000

Ratings and Alerts

No rating or validation information has been found for University of British Columbia NeuroImaging and NeuroComputation Centre Core Facility.

No alerts have been found for University of British Columbia NeuroImaging and NeuroComputation Centre Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 41 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Kia M, et al. (2025) Koopman-based linearization of preparatory EEG dynamics in Parkinson's disease during galvanic vestibular stimulation. Frontiers in human neuroscience, 19, 1566566.

Alizadeh Z, et al. (2025) EEG dynamical features during variable-intensity cycling exercise in Parkinson's disease. Frontiers in human neuroscience, 19, 1571106.

Sullivan KE, et al. (2025) Quantification and analysis of multiplexed fluorescence insitu hybridization data using open-source tools. STAR protocols, 6(4), 104127.

Kinman AI, et al. (2025) Atypical hippocampal excitatory neurons express and govern object memory. Nature communications, 16(1), 1195.

Callaghan-Campbell AGJ, et al. (2025) Mouse Hippocampal Sharp-Wave Ripple Dataset Curated From Public Neuropixels Datasets. Scientific data, 12(1), 1841.

White RB, et al. (2025) The X-Linked Intellectual Disability Gene, ZDHHC9 , Is Important for Oligodendrocyte Subtype Determination and Myelination. Glia, 73(7), 1452.

Ramandi D, et al. (2025) Home cage-based insights into motor learning and strategy adaptation in a Huntington disease mouse model. PloS one, 20(2), e0318663.

Swaro A, et al. (2025) Widespread and cell-type-specific transcriptomic reorganization following mild traumatic brain injury. Cell reports, 44(6), 115795.

Kapustina M, et al. (2025) Distinct Layer 6b transcriptomic subtypes parcellate the cortical mantle. Progress in neurobiology, 254, 102841.

Cheng J, et al. (2025) Synaptic modulation of glutamate in striatum of the YAC128 mouse model of Huntington disease. Neurobiology of disease, 205, 106774.

Warner A, et al. (2025) Synthetic patient and interview transcript creator: an essential tool for LLMs in mental health. Frontiers in digital health, 7, 1625444.

Koch ET, et al. (2024) Deep behavioural phenotyping of the Q175 Huntington disease mouse model: effects of age, sex, and weight. BMC biology, 22(1), 121.

Cao Y, et al. (2024) Scholar Metrics Scraper (SMS): automated retrieval of citation and author data. Frontiers in research metrics and analytics, 9, 1335454.

Robinson K, et al. (2024) Mapping proteomic composition of excitatory postsynaptic sites in the cerebellar cortex. Frontiers in molecular neuroscience, 17, 1381534.

Kapustina M, et al. (2024) The cell-type-specific spatial organization of the anterior thalamic nuclei of the mouse brain. Cell reports, 43(3), 113842.

Delhaye M, et al. (2024) Adaptation of Magnified Analysis of the Proteome for Excitatory Synaptic Proteins in Varied Samples and Evaluation of Cell Type-Specific Distributions. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(14).

Nassrallah WB, et al. (2024) Mechanisms of synapse-to-nucleus calcium signalling in striatal neurons and impairments in Huntington's disease. Journal of neurochemistry, 168(9), 2671.

Michelson NJ, et al. (2023) Meso-Py: Dual Brain Cortical Calcium Imaging in Mice during Head-Fixed Social Stimulus Presentation. eNeuro, 10(12).

Xiao D, et al. (2023) Mesotrode chronic simultaneous mesoscale cortical imaging and subcortical or peripheral nerve spiking activity recording in mice. eLife, 12.

Sullivan KE, et al. (2023) Sharp cell-type-identity changes differentiate the retrosplenial cortex from the neocortex. Cell reports, 42(3), 112206.