Resource Summary Report

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National NeuroAIDS Tissue Consortium

RRID:SCR_007323
Type: Tool

Proper Citation

National NeuroAIDS Tissue Consortium (RRID:SCR_007323)

Resource Information

URL: http://www.nntc.org/

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Description: Collects, stores, and distributes samples of nervous tissue, cerebrospinal fluid, blood, and other tissue from HIV-infected individuals. The NNTC mission is to bolster research on the effects of HIV infection on human brain by providing high-quality, well-characterized tissue samples from patients who died with HIV, and for whom comprehensive neuromedical and neuropsychiatric data were gathered antemortem. Researchers can request tissues from patients who have been characterized by: * degree of neurobehavioral impairment * neurological and other clinical diagnoses * history of drug use * antiretroviral treatments * blood and CSF viral load * neuropathological diagnosis The NNTC encourages external researchers to submit tissue requests for ancillary studies. The Specimen Query Tool is a web-based utility that allows researchers to quickly sort and identify appropriate NNTC specimens to support their research projects. The results generated by the tool reflect the inventory at a previous time. Actual availability at the local repositories may vary as specimens are added or distributed to other investigators.

Abbreviations: NNTC

Synonyms: nntc.org, nntc

Resource Type: biomaterial supply resource, tissue bank, material resource, brain bank

Keywords: human immunodeficiency virus, nervous tissue, cerebral spinal fluid, blood, tissue, brain, neuromedical data, neuropsychiatric data, tissue, plasma, peripheral blood mononuclear cell, serum, urine, spinal cord, nervous tissue, pituitary gland, trigeminal ganglia, dorsal root ganglion, peripheral nerve, lymph node, liver, spleen, adipose tissue, bone marrow, muscle, hair, heart, thymus, kidney, lung, eye, brain, ante-mortem, post-

mortem, normal, subsyndromic, minor cognitive motor disorder, hiv - associated dementia, cytomegalovirus encephalitis, neurological impairment, traumatic brain injury, neurocognitive disease, frozen, fixed, aids, one mind tbi, asymptomatic neurocognitive impairment, minor cognitive disorder, gene array, snp

Related Condition: Human immunodeficiency virus, Neurocognitive disease, Normal, Subsyndromic, Minor Cognitive Motor Disorder, HIV - Associated Dementia, Cytomegalovirus Encephalitis, Neurological impairment, Infectious disease

Funding: NIMH ;
NINDS ;
NIH Blueprint for Neuroscience Research

Availability: Public: The NNTC encourages external researchers to submit tissue requests for ancillary studies.

Resource Name: National NeuroAIDS Tissue Consortium

Resource ID: SCR_007323

Alternate IDs: nif-0000-00193

Record Creation Time: 20220129T080241+0000

Record Last Update: 20250407T215637+0000

Ratings and Alerts

No rating or validation information has been found for National NeuroAIDS Tissue Consortium.

No alerts have been found for National NeuroAIDS Tissue Consortium.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Sundermann EE, et al. (2023) Alzheimer's Disease Pathology in Middle Aged and Older People with HIV: Comparisons with Non-HIV Controls on a Healthy Aging and Alzheimer's Disease Trajectory and Relationships with Cognitive Function. Viruses, 15(6).

Velasquez S, et al. (2020) Circulating levels of ATP is a biomarker of HIV cognitive impairment. EBioMedicine, 51, 102503.

Heithoff AJ, et al. (2019) The integrated National NeuroAIDS Tissue Consortium database: a rich platform for neuroHIV research. Database : the journal of biological databases and curation, 2019.

Saribas AS, et al. (2018) Discovery and characterization of novel trans-spliced products of human polyoma JC virus late transcripts from PML patients. Journal of cellular physiology, 233(5), 4137.

Douville RN, et al. (2017) Human Endogenous Retrovirus-K and TDP-43 Expression Bridges ALS and HIV Neuropathology. Frontiers in microbiology, 8, 1986.

Berman JW, et al. (2016) HIV-tat alters Connexin43 expression and trafficking in human astrocytes: role in NeuroAIDS. Journal of neuroinflammation, 13(1), 54.

Joseph J, et al. (2013) Global NeuroAIDS roundtable. Journal of neurovirology, 19(1), 1.

Bellizzi A, et al. (2012) Human polyomavirus JC reactivation and pathogenetic mechanisms of progressive multifocal leukoencephalopathy and cancer in the era of monoclonal antibody therapies. Journal of neurovirology, 18(1), 1.

Haverland N, et al. (2010) Immunoreactivity of anti-gelsolin antibodies: implications for biomarker validation. Journal of translational medicine, 8, 137.

Yelamanchili SV, et al. (2010) MicroRNA-21 dysregulates the expression of MEF2C in neurons in monkey and human SIV/HIV neurological disease. Cell death & disease, 1(9), e77.

Kopnisky KL, et al. (2007) Neurobiology of HIV, psychiatric and substance abuse comorbidity research: workshop report. Brain, behavior, and immunity, 21(4), 428.