

Cerebrospinal fluid metabolomics implicate bioenergetic regulating shifts in cognitive states of HIV-infected patients

Aids

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Interictal, circulating sphingolipids in women with episodic migraine. <i>Neurology</i> , 2015, 85, 1214-1223.	1.1	11
2	Effects of HIV/TAT protein expression and chronic selegiline treatment on spatial memory, reversal learning and neurotransmitter levels in mice. <i>Behavioural Brain Research</i> , 2016, 311, 131-140.	2.2	28
3	Laboratory Diagnosis of Central Nervous System Infection. <i>Current Infectious Disease Reports</i> , 2016, 18, 35.	3.0	47
4	HIV-associated neurocognitive disorder “ pathogenesis and prospects for treatment. <i>Nature Reviews Neurology</i> , 2016, 12, 234-248.	10.1	690
5	Modifications in acute phase and complement systems predict shifts in cognitive status of HIV-infected patients. <i>Aids</i> , 2017, 31, 1365-1378.	2.2	8
6	Chronic Tobacco-Smoking on Psychopathological Symptoms, Impulsivity and Cognitive Deficits in HIV-Infected Individuals. <i>Journal of NeuroImmune Pharmacology</i> , 2017, 12, 389-401.	4.1	24
7	Chronic low-level expression of HIV-1 Tat promotes a neurodegenerative phenotype with aging. <i>Scientific Reports</i> , 2017, 7, 7748.	3.3	74
8	Genetic, Epigenetic, and Transcriptomic Studies of NeuroAIDS. , 2017, , 445-518.		0
9	HIV/HAART-associated oxidative stress is detectable by metabolomics. <i>Molecular BioSystems</i> , 2017, 13, 2202-2217.	2.9	87
10	Cerebrospinal fluid cell-free mitochondrial DNA is associated with HIV replication, iron transport, and mild HIV-associated neurocognitive impairment. <i>Journal of Neuroinflammation</i> , 2017, 14, 72.	7.2	30
11	Cerebrospinal fluid (CSF) biomarkers of iron status are associated with CSF viral load, antiretroviral therapy, and demographic factors in HIV-infected adults. <i>Fluids and Barriers of the CNS</i> , 2017, 14, 11.	5.0	21
12	Astrocyte Senescence and Metabolic Changes in Response to HIV Antiretroviral Therapy Drugs. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 281.	3.4	40
13	Metabolomics. <i>Advances in Virus Research</i> , 2017, 98, 57-81.	2.1	51
14	Lower Concentrations of Circulating Medium and Long-Chain Acylcarnitines Characterize Insulin Resistance in Persons with HIV. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 536-543.	1.1	7
15	Changing clinical phenotypes of HIV-associated neurocognitive disorders. <i>Journal of NeuroVirology</i> , 2018, 24, 141-145.	2.1	83
16	Lymphocyte-Dominant Encephalitis and Meningitis in Simian Immunodeficiency Virus “Infected Macaques Receiving Antiretroviral Therapy. <i>American Journal of Pathology</i> , 2018, 188, 125-134.	3.8	8
17	Examining Relationships between Metabolism and Persistent Inflammation in HIV Patients on Antiretroviral Therapy. <i>Mediators of Inflammation</i> , 2018, 2018, 1-14.	3.0	37
18	Current Challenges and Solutions in Research and Clinical Care of Older Persons Living with HIV: Findings Presented at the 9th International Workshop on HIV and Aging. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 985-998.	1.1	12

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19	Astrocyte activation and altered metabolism in normal aging, age-related CNS diseases, and HAND. <i>Journal of NeuroVirology</i> , 2019, 25, 722-733.	2.1	26
20	HIV-1 infection alters energy metabolism in the brain: Contributions to HIV-associated neurocognitive disorders. <i>Progress in Neurobiology</i> , 2019, 181, 101616.	5.7	38
21	Aging, comorbidities, and the importance of finding biomarkers for HIV-associated neurocognitive disorders. <i>Journal of NeuroVirology</i> , 2019, 25, 673-685.	2.1	42
22	HIV infection and latency induce a unique metabolic signature in human macrophages. <i>Scientific Reports</i> , 2019, 9, 3941.	3.3	74
23	Impaired insulin sensitivity is associated with worsening cognition in HIV-infected patients. <i>Neurology</i> , 2019, 92, e1344-e1353.	1.1	9
24	Proteomic analysis of cerebrospinal fluid extracellular vesicles reveals synaptic injury, inflammation, and stress response markers in HIV patients with cognitive impairment. <i>Journal of Neuroinflammation</i> , 2019, 16, 254.	7.2	60
25	Distinguishing cognitive impairment from HIV-associated neurocognitive disorder versus substance use?. <i>Aids</i> , 2019, 33, 1943-1944.	2.2	4
26	Iron-regulatory genes are associated with Neuroimaging measures in HIV infection. <i>Brain Imaging and Behavior</i> , 2020, 14, 2037-2049.	2.1	5
27	Circulating levels of ATP is a biomarker of HIV cognitive impairment. <i>EBioMedicine</i> , 2020, 51, 102503.	6.1	38
28	Potential pharmacological approaches for the treatment of HIV-1 associated neurocognitive disorders. <i>Fluids and Barriers of the CNS</i> , 2020, 17, 42.	5.0	20
29	Integrative Metabolomics to Identify Molecular Signatures of Responses to Vaccines and Infections. <i>Metabolites</i> , 2020, 10, 492.	2.9	40
30	HIV Infection and Neurocognitive Disorders in the Context of Chronic Drug Abuse: Evidence for Divergent Findings Dependent upon Prior Drug History. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 715-728.	4.1	20
31	The Glutamate System as a Crucial Regulator of CNS Toxicity and Survival of HIV Reservoirs. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 261.	3.9	31
32	Bioenergetic adaptations to HIV infection. Could modulation of energy substrate utilization improve brain health in people living with HIV-1?. <i>Experimental Neurology</i> , 2020, 327, 113181.	4.1	6
33	HIV-Tat and Cocaine Impact Brain Energy Metabolism: Redox Modification and Mitochondrial Biogenesis Influence NRF Transcription-Mediated Neurodegeneration. <i>Molecular Neurobiology</i> , 2021, 58, 490-504.	4.0	24
34	Untargeted GC/TOFMS unravel metabolic profiles in cerebrospinal fluid of Chinese people living with HIV. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23673.	2.1	2
35	Plasma Citrate and Succinate Are Associated With Neurocognitive Impairment in Older People With HIV. <i>Clinical Infectious Diseases</i> , 2021, 73, e765-e772.	5.8	6
36	Central nervous system (CNS) transcriptomic correlates of human immunodeficiency virus (HIV) brain RNA load in HIV-infected individuals. <i>Scientific Reports</i> , 2021, 11, 12176.	3.3	15

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37	Possible mechanisms of HIV neuro-infection in alcohol use: Interplay of oxidative stress, inflammation, and energy interruption. Alcohol, 2021, 94, 25-41.	1.7	0
38	Proteomics and metabolomics of HIV-associated neurocognitive disorders: A systematic review. Journal of Neurochemistry, 2021, 157, 429-449.	3.9	7
39	Age-Related 1H NMR Characterization of Cerebrospinal Fluid in Newborn and Young Healthy Piglets. PLoS ONE, 2016, 11, e0157623.	2.5	27
40	Microwave & magnetic proteomics of macrophages from patients with HIV-associated cognitive impairment. PLoS ONE, 2017, 12, e0181779.	2.5	4
41	Correlates of Executive Dysfunction in HIV. , 2019, , 261-284.		0
42	Metabolome of the Brain. Russian Neurological Journal, 2020, 25, 4-12.	0.3	1
44	Treatment of Insomnia with Zaleplon in HIV+ Significantly Improves Sleep and Depression. Psychopharmacology Bulletin, 2021, 51, 50-64.	0.0	0
45	Hallmarks of Metabolic Reprogramming and Their Role in Viral Pathogenesis. Viruses, 2022, 14, 602.	3.3	20
46	H NMR metabolomic profiling of human cerebrospinal fluid in aging process.. American Journal of Translational Research (discontinued), 2021, 13, 12495-12508.	0.0	1
47	Association of Plasma Eicosanoid Levels With Immune, Viral, and Cognitive Outcomes in People With HIV. Neurology, 2022, 99, .	1.1	4
48	Developments in Neuroprotection for HIV-Associated Neurocognitive Disorders (HAND). Current HIV/AIDS Reports, 2022, 19, 344-357.	3.1	14
49	Citrate shuttling in astrocytes is required for processing cocaine-induced neuron-derived excess peroxidated fatty acids. IScience, 2022, 25, 105407.	4.1	0
50	Dimethyl Fumarate as Potential Treatment for Alzheimer's Disease: Rationale and Clinical Trial Design. Biomedicines, 2023, 11, 1387.	3.2	0
52	Plasma metabolomics by nuclear magnetic resonance reveals biomarkers and metabolic pathways associated with the control of HIV-1 infection/progression. Frontiers in Molecular Biosciences, 0, 10, .	3.5	0
53	Persistent Biofluid Small-Molecule Alterations Induced by <i>Trypanosoma cruzi</i> Infection Are Not Restored by Parasite Elimination. ACS Infectious Diseases, 2023, 9, 2173-2189.	3.8	2
54	Alterations in glutamate, arginine, and energy metabolism characterize CSF and plasma metabolome of persons with HIV-associated dementia. Aids, 0, , .	2.2	0
55	Immunometabolic mechanisms of HIV-associated neurocognitive disorders and traumatic brain injury. , 2024, , 245-269.		0
56	An exploratory investigation of the CSF metabolic profile of HIV in a South African paediatric cohort using GCxGC-TOF/MS. Metabolomics, 2024, 20, .	3.0	0