

Methamphetamine Inhibits Antigen Processing, Presenta

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Secretory vesicle rebound hyperacidification and increased quantal size resulting from prolonged methamphetamine exposure. <i>Journal of Neurochemistry</i> , 2008, 107, 1709-1721.	3.9	21
2	Methamphetamine and diazepam suppress antigen-specific cytokine expression and antibody production in ovalbumin-sensitized BALB/c mice. <i>Toxicology Letters</i> , 2008, 181, 157-162.	0.8	25
3	Short Communication: Methamphetamine Treatment Increases <i>in Vitro</i> and <i>in Vivo</i> HIV Replication. <i>AIDS Research and Human Retroviruses</i> , 2009, 25, 1117-1121.	1.1	56
4	Methamphetamine Enhances Histoplasmosis by Immunosuppression of the Host. <i>Journal of Infectious Diseases</i> , 2009, 200, 131-141.	4.0	78
5	Longitudinal Modeling of Methamphetamine Use and Sexual Risk Behaviors in Gay and Bisexual Men. <i>AIDS and Behavior</i> , 2009, 13, 783-791.	2.7	72
6	Modulation of the Proteome of Peripheral Blood Mononuclear Cells from HIV-1-Infected Patients by Drugs of Abuse. <i>Journal of Clinical Immunology</i> , 2009, 29, 646-656.	3.8	12
7	Increased Accumulation of Intraneuronal Amyloid β in HIV-Infected Patients. <i>Journal of NeuroImmune Pharmacology</i> , 2009, 4, 190-199.	4.1	179
8	Human Immunodeficiency Virus (HIV) Infection of Human Macrophages Is Increased by Dopamine. <i>American Journal of Pathology</i> , 2009, 175, 1148-1159.	3.8	115
9	HIV interactions with monocytes and dendritic cells: viral latency and reservoirs. <i>Retrovirology</i> , 2009, 6, 51.	2.0	184
10	Proteomic Analyses of the Effects of Drugs of Abuse on Monocyte-Derived Mature Dendritic Cells. <i>Immunological Investigations</i> , 2009, 38, 526-550.	2.0	15
11	Alteration of Methamphetamine-induced stereotypic behaviour in transgenic mice expressing HIV-1 envelope protein gp120. <i>Journal of Neuroscience Methods</i> , 2010, 186, 222-225.	2.5	25
12	The Rise, Risks, and Realities of Methamphetamine use among Women. <i>Journal of Addictions Nursing</i> , 2010, 21, 14-21.	0.4	9
13	Methamphetamine Causes Mitochondrial Oxidative Damage in Human T Lymphocytes Leading to Functional Impairment. <i>Journal of Immunology</i> , 2010, 185, 2867-2876.	0.8	94
14	TLR9 Contributes to the Recognition of EBV by Primary Monocytes and Plasmacytoid Dendritic Cells. <i>Journal of Immunology</i> , 2010, 185, 3620-3631.	0.8	133
15	How Addictive Drugs Disrupt Presynaptic Dopamine Neurotransmission. <i>Neuron</i> , 2011, 69, 628-649.	8.1	491
16	Methamphetamine toxicity and its implications during HIV-1 infection. <i>Journal of NeuroVirology</i> , 2011, 17, 401-415.	2.1	51
17	Methamphetamine and HIV-1 Tat Down Regulate β -catenin Signaling: Implications for Methamphetamine Abuse and HIV-1 Co-morbidity. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 597-607.	4.1	36
18	Methamphetamine and HIV-1 gp120 Effects on Lipopolysaccharide Stimulated Matrix Metalloproteinase-9 Production by Human Monocyte-Derived Macrophages. <i>Immunological Investigations</i> , 2011, 40, 481-497.	2.0	12

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19	Levels of methamphetamine use and addiction among gay, bisexual, and other men who have sex with men. <i>Addiction Research and Theory</i> , 2012, 20, 21-29.	1.9	25
20	Methamphetamine Increases LPS-Mediated Expression of IL-8, TNF- α and IL-1 β in Human Macrophages through Common Signaling Pathways. <i>PLoS ONE</i> , 2012, 7, e33822.	2.5	49
21	Anal human papillomavirus infection in a street-based sample of drug using HIV-positive men. <i>International Journal of STD and AIDS</i> , 2012, 23, 195-200.	1.1	18
22	Influence of Methamphetamine on Genital Herpes Simplex Virus Type 2 Infection in a Mouse Model. <i>Sexually Transmitted Diseases</i> , 2012, 39, 720-725.	1.7	12
23	Methamphetamine activates nuclear factor kappa-light-chain-enhancer of activated B cells (NF- κ B) and induces human immunodeficiency virus (HIV) transcription in human microglial cells. <i>Journal of NeuroVirology</i> , 2012, 18, 400-410.	2.1	56
24	Cervical human papillomavirus infection among young women engaged in sex work in Phnom Penh, Cambodia: prevalence, genotypes, risk factors and association with HIV infection. <i>BMC Infectious Diseases</i> , 2012, 12, 166.	2.9	40
25	Involvement of metabotropic glutamate receptor 5, AKT/PI3K Signaling and NF- κ B pathway in methamphetamine-mediated increase in IL-6 and IL-8 expression in astrocytes. <i>Journal of Neuroinflammation</i> , 2012, 9, 52.	7.2	109
26	Nanoparticle Based Galectin-1 Gene Silencing, Implications in Methamphetamine Regulation of HIV-1 Infection in Monocyte Derived Macrophages. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 673-685.	4.1	36
27	Plasma Proteomic Profiling in HIV-1 Infected Methamphetamine Abusers. <i>PLoS ONE</i> , 2012, 7, e31031.	2.5	19
28	Methamphetamine Reduces Human Influenza A Virus Replication. <i>PLoS ONE</i> , 2012, 7, e48335.	2.5	12
29	Hyperstimulation of macropinocytosis leads to lysosomal dysfunction during exposure to methamphetamine in SH-SY5Y cells. <i>Brain Research</i> , 2012, 1466, 1-14.	2.2	33
30	Impairment of autophagy: From hereditary disorder to drug intoxication. <i>Toxicology</i> , 2013, 311, 205-215.	4.2	35
31	Methamphetamine use: A comprehensive review of molecular, preclinical and clinical findings. <i>Drug and Alcohol Dependence</i> , 2013, 129, 167-179.	3.2	336
32	Substance use disorders: Psychoneuroimmunological mechanisms and new targets for therapy. , 2013, 139, 289-300.		39
33	Methamphetamine administration modifies leukocyte proliferation and cytokine production in murine tissues. <i>Immunobiology</i> , 2013, 218, 1063-1068.	1.9	40
34	Amphetamine Activates an Amine-gated Chloride Channel to Generate Behavioral Effects in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 21630-21637.	3.4	11
35	Methamphetamine Enhances <i>Cryptococcus neoformans</i> Pulmonary Infection and Dissemination to the Brain. <i>MBio</i> , 2013, 4, .	4.1	35
36	Disruption of Multivesicular Body Vesicles Does Not Affect Major Histocompatibility Complex (MHC) Class II-Peptide Complex Formation and Antigen Presentation by Dendritic Cells*. <i>Journal of Biological Chemistry</i> , 2013, 288, 24286-24292.	3.4	11

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37	HIV gp120- and methamphetamine-mediated oxidative stress induces astrocyte apoptosis via cytochrome P450 2E1. <i>Cell Death and Disease</i> , 2013, 4, e850-e850.	6.3	82
38	Methamphetamine Alters the Normal Progression by Inducing Cell Cycle Arrest in Astrocytes. <i>PLoS ONE</i> , 2014, 9, e109603.	2.5	12
39	Neuroimmune Basis of Methamphetamine Toxicity. <i>International Review of Neurobiology</i> , 2014, 118, 165-197.	2.0	95
40	MHC-I expression renders catecholaminergic neurons susceptible to T-cell-mediated degeneration. <i>Nature Communications</i> , 2014, 5, 3633.	12.8	254
41	Viral and cellular factors underlying neuropathogenesis in HIV associated neurocognitive disorders (HAND). <i>AIDS Research and Therapy</i> , 2014, 11, 13.	1.7	126
42	Methamphetamine Inhibits HIV-1 Replication in CD4+ T Cells by Modulating Anti-HIV-1 miRNA Expression. <i>American Journal of Pathology</i> , 2014, 184, 92-100.	3.8	30
43	Methamphetamine Use in HIV-infected Individuals Affects T-cell Function and Viral Outcome during Suppressive Antiretroviral Therapy. <i>Scientific Reports</i> , 2015, 5, 13179.	3.3	45
44	Methamphetamine mediates immune dysregulation in a murine model of chronic viral infection. <i>Frontiers in Microbiology</i> , 2015, 6, 793.	3.5	17
45	The cross-talk of HIV-1 Tat and methamphetamine in HIV-associated neurocognitive disorders. <i>Frontiers in Microbiology</i> , 2015, 6, 1164.	3.5	51
46	Impact of methamphetamine on infection and immunity. <i>Frontiers in Neuroscience</i> , 2014, 8, 445.	2.8	80
47	Plasma Inflammatory Factors Are Associated with Anxiety, Depression, and Cognitive Problems in Adults with and without Methamphetamine Dependence: An Exploratory Protein Array Study. <i>Frontiers in Psychiatry</i> , 2015, 6, 178.	2.6	37
48	Galactin-1 suppresses methamphetamine induced neuroinflammation in human brain microvascular endothelial cells: Neuroprotective role in maintaining blood brain barrier integrity. <i>Brain Research</i> , 2015, 1624, 175-187.	2.2	32
49	Evaluation of methamphetamine-associated socioeconomic status and addictive behaviors, and their impact on oral health. <i>Addictive Behaviors</i> , 2015, 50, 182-187.	3.0	26
50	The Complex Interaction Between Methamphetamine Abuse and HIV-1 Pathogenesis. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 477-486.	4.1	41
51	The dopamine D3 receptor regulates the effects of methamphetamine on LPS-induced cytokine production in murine mast cells. <i>Immunobiology</i> , 2015, 220, 744-752.	1.9	8
52	Methamphetamine Alters the Antimicrobial Efficacy of Phagocytic Cells during Methicillin-Resistant <i>Staphylococcus aureus</i> Skin Infection. <i>MBio</i> , 2015, 6, e01622-15.	4.1	29
53	Chronic administration of methamphetamine promotes atherosclerosis formation in ApoE ^{-/-} knockout mice fed normal diet. <i>Atherosclerosis</i> , 2015, 243, 268-277.	0.8	26
54	A parasitic helminth-derived peptide that targets the macrophage lysosome is a novel therapeutic option for autoimmune disease. <i>Immunobiology</i> , 2015, 220, 262-269.	1.9	19

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55	Methamphetamine induces the release of endothelin. <i>Journal of Neuroscience Research</i> , 2016, 94, 170-178.	2.9	22
56	Methamphetamine potentiates HIV-1 gp120-mediated autophagy via Beclin-1 and Atg5/7 as a pro-survival response in astrocytes. <i>Cell Death and Disease</i> , 2016, 7, e2425-e2425.	6.3	33
57	Cases of disseminated cryptococcosis in intravenous drug abusers without HIV infection: A new risk factor?. <i>Medical Mycology Case Reports</i> , 2016, 14, 17-19.	1.3	18
58	The overexpression of Thioredoxin-1 suppressing inflammation induced by methamphetamine in spleen. <i>Drug and Alcohol Dependence</i> , 2016, 159, 66-71.	3.2	12
59	Mir143-BBC3 cascade reduces microglial survival via interplay between apoptosis and autophagy: Implications for methamphetamine-mediated neurotoxicity. <i>Autophagy</i> , 2016, 12, 1538-1559.	9.1	49
60	Identification of Treatment Targets in a Genetic Mouse Model of Voluntary Methamphetamine Drinking. <i>International Review of Neurobiology</i> , 2016, 126, 39-85.	2.0	10
61	Silencing microRNA-143 protects the integrity of the blood-brain barrier: implications for methamphetamine abuse. <i>Scientific Reports</i> , 2016, 6, 35642.	3.3	58
62	Methamphetamine induces trace amine-associated receptor 1 (TAAR1) expression in human T lymphocytes: role in immunomodulation. <i>Journal of Leukocyte Biology</i> , 2016, 99, 213-223.	3.3	26
63	Acute exposure to methamphetamine alters TLR9-mediated cytokine expression in human macrophage. <i>Immunobiology</i> , 2016, 221, 199-207.	1.9	18
64	The impact of the new scene drug "crystal meth" on oral health: a case-control study. <i>Clinical Oral Investigations</i> , 2016, 20, 469-475.	3.0	19
65	HIV and drug abuse mediate astrocyte senescence in a β -catenin-dependent manner leading to neuronal toxicity. <i>Aging Cell</i> , 2017, 16, 956-965.	6.7	43
66	Capsular specific IgM enhances complement-mediated phagocytosis and killing of <i>Cryptococcus neoformans</i> by methamphetamine-treated J774.16 macrophage-like cells. <i>International Immunopharmacology</i> , 2017, 49, 77-84.	3.8	19
67	Methamphetamine: Effects on the brain, gut and immune system. <i>Pharmacological Research</i> , 2017, 120, 60-67.	7.1	143
68	DNA methylation signatures of illicit drug injection and hepatitis C are associated with HIV frailty. <i>Nature Communications</i> , 2017, 8, 2243.	12.8	32
69	Amphetamines promote mitochondrial dysfunction and DNA damage in pulmonary hypertension. <i>JCI Insight</i> , 2017, 2, e90427.	5.0	74
70	Neuronal Stress and Injury Caused by HIV-1, cART and Drug Abuse: Converging Contributions to HAND. <i>Brain Sciences</i> , 2017, 7, 25.	2.3	35
71	The Role of Mitochondria in Methamphetamine-induced inhibitory effects on osteogenesis of Mesenchymal Stem Cells. <i>European Journal of Pharmacology</i> , 2018, 826, 56-65.	3.5	11
72	Methamphetamine alters T cell cycle entry and progression: role in immune dysfunction. <i>Cell Death Discovery</i> , 2018, 4, 44.	4.7	23

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73	The effect of methamphetamine abuse on dental caries and periodontal diseases in an Eastern China city. <i>BMC Oral Health</i> , 2018, 18, 8.	2.3	20
74	Combination of acute intravenous methamphetamine injection and LPS challenge facilitate leukocyte infiltration into the central nervous system of C57BL/6 mice. <i>International Immunopharmacology</i> , 2019, 75, 105751.	3.8	6
75	The impact of substance abuse on HIV-mediated neuropathogenesis in the current ART era. <i>Brain Research</i> , 2019, 1724, 146426.	2.2	44
76	Secreted Metabolome of Human Macrophages Exposed to Methamphetamine. <i>Analytical Chemistry</i> , 2019, 91, 9190-9197.	6.5	3
77	Methamphetamine Impairs IgG1-Mediated Phagocytosis and Killing of <i>Cryptococcus neoformans</i> by J774.16 Macrophage- and NR-9640 Microglia-Like Cells. <i>Infection and Immunity</i> , 2019, 87, .	2.2	15
78	Factors Associated with Cessation or Reduction of Methamphetamine Use among Gay, Bisexual, and Other Men Who Have Sex with Men (gbMSM) in Vancouver Canada. <i>Substance Use and Misuse</i> , 2020, 55, 1692-1701.	1.4	6
79	Autophagy-Based Hypothesis on the Role of Brain Catecholamine Response During Stress. <i>Frontiers in Psychiatry</i> , 2020, 11, 569248.	2.6	2
80	Invasive pneumococcal disease confirmed in five different sites including Austrian syndrome in a male patient with methamphetamine abuse. <i>BMJ Case Reports</i> , 2020, 13, e239718.	0.5	1
81	<i>Cryptococcus meningitis</i> mimicking cerebral septic emboli, a case report series demonstrating injection drug use as a risk factor for development of disseminated disease. <i>BMC Infectious Diseases</i> , 2020, 20, 381.	2.9	5
82	Astrocyte-Derived Lipocalin-2 Is Involved in Mitochondrion-Related Neuronal Apoptosis Induced by Methamphetamine. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1102-1116.	3.5	17
83	Associations between <i>Cryptococcus</i> Genotypes, Phenotypes, and Clinical Parameters of Human Disease: A Review. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 260.	3.5	41
84	Lysosomal Stress Response (LSR): Physiological Importance and Pathological Relevance. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 219-237.	4.1	31
85	Methamphetamine facilitates pulmonary and splenic tissue injury and reduces T cell infiltration in C57BL/6 mice after antigenic challenge. <i>Scientific Reports</i> , 2021, 11, 8207.	3.3	12
86	SWATH-MS and MRM: Quantification of Ras-related proteins in HIV-1 infected and methamphetamine-exposed human monocyte-derived macrophages (hMDM). <i>Proteomics</i> , 2021, 21, e2100005.	2.2	4
87	Methamphetamine Dysregulation of the Central Nervous System and Peripheral Immunity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 379, 372-385.	2.5	22
88	Autophagy as a gateway for the effects of methamphetamine: From neurotransmitter release and synaptic plasticity to psychiatric and neurodegenerative disorders. <i>Progress in Neurobiology</i> , 2021, 204, 102112.	5.7	15
89	Mitochondrial Fragmentation Is Involved in Methamphetamine-Induced Cell Death in Rat Hippocampal Neural Progenitor Cells. <i>PLoS ONE</i> , 2009, 4, e5546.	2.5	66
90	Methamphetamine Administration Targets Multiple Immune Subsets and Induces Phenotypic Alterations Suggestive of Immunosuppression. <i>PLoS ONE</i> , 2012, 7, e49897.	2.5	54

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91	Synergistic Cooperation between Methamphetamine and HIV-1 gp120 through the P13K/Akt Pathway Induces IL-6 but not IL-8 Expression in Astrocytes. <i>PLoS ONE</i> , 2012, 7, e52060.	2.5	27
92	Effect of Methamphetamine on Spectral Binding, Ligand Docking and Metabolism of Anti-HIV Drugs with CYP3A4. <i>PLoS ONE</i> , 2016, 11, e0146529.	2.5	9
93	Methamphetamine-mediated endoplasmic reticulum (ER) stress induces type-1 programmed cell death in astrocytes via ATF6, IRE1 α and PERK pathways. <i>Oncotarget</i> , 2016, 7, 46100-46119.	1.8	35
94	Formative Assessment of ARM-U: A Modular Intervention for Decreasing Risk Behaviors Among HIV-Positive and HIV-Negative Methamphetamine-Using MSM. <i>Open AIDS Journal</i> , 2010, 4, 105-115.	0.5	12
95	Epicatechin Prevents Methamphetamine-Induced Neuronal Cell Death via Inhibition of ER Stress. <i>Biomolecules and Therapeutics</i> , 2019, 27, 145-151.	2.4	23
96	Protective effect of alpha-synuclein knockdown on methamphetamine-induced neurotoxicity in dopaminergic neurons. <i>Neural Regeneration Research</i> , 2014, 9, 951.	3.0	23
97	Myocardial damage in heroin abuse: immunohistochemical investigations with LCA, CD68, and CD45RO. <i>Romanian Journal of Legal Medicine</i> , 2011, 19, 89-94.	0.3	0
98	Immunology of Invasive Candidiasis. , 0, , 125-136.		2
99	Anogenital Warts Prevalence and Associated Risk Factors among MSM Population in Surakarta, Indonesia. <i>Malaysian Journal of Medical and Biological Research</i> , 2020, 7, 7-12.	0.2	0
101	Behavioral and Gene Regulatory Responses to Developmental Drug Exposures in Zebrafish. <i>Frontiers in Psychiatry</i> , 2021, 12, 795175.	2.6	3
102	HIV-1 and methamphetamine alter galectins -1, -3, and -9 in human monocyte-derived macrophages. <i>Journal of NeuroVirology</i> , 2022, , 1.	2.1	2
103	A comprehensive study to delineate the role of an extracellular vesicle-associated microRNA-29a in chronic methamphetamine use disorder. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12177.	12.2	22
104	In-utero exposure to the popular 'recreational' drugs MDMA (Ecstasy) and Methamphetamine (Ice,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		
105	Methamphetamine Dysregulates Macrophage Functions and Autophagy to Mediate HIV Neuropathogenesis. <i>Biomedicines</i> , 2022, 10, 1257.	3.2	2
106	Transcriptomic Profiling Reveals Underlying Immunoregulation Mechanisms of Resistant Hypertension in Injection Drug Users. <i>Journal of Inflammation Research</i> , 0, Volume 15, 3409-3420.	3.5	2
107	Effects and associated transcriptomic landscape changes of methamphetamine on immune cells. <i>BMC Medical Genomics</i> , 2022, 15, .	1.5	2
108	Methamphetamine induces transcriptional changes in cultured HIV-infected mature monocytes that may contribute to HIV neuropathogenesis. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	4
110	Methamphetamine Induces Systemic Inflammation and Anxiety: The Role of the Gut-Immune-Brain Axis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11224.	4.1	12

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111	Differential protein expression of GABA A receptor alpha 1 subunit and calbindin in rat spermatozoa associated with proteomic analysis in testis following methamphetamine administration. PLoS ONE, 2023, 18, e0273888.	2.5	0
112	A Case of Multifocal Pneumonia and Bacteremia Due to Streptococcus pneumoniae Complicated by Purulent Pericarditis in an Immunocompetent Patient. Infectious Diseases in Clinical Practice, 2023, 31, .	0.3	0
113	Methamphetamine induces a low dopamine transporter expressing state without altering the total number of peripheral immune cells. Basic and Clinical Pharmacology and Toxicology, 2023, 133, 496-507.	2.5	4
114	Bioconcentrations, depuration, shift in metabolome and a behavioural response in the nymphs of the dragonfly Aeshna cyanea (Müller, 1764) to environmentally relevant concentrations of methamphetamine. Aquatic Toxicology, 2023, 259, 106479.	4.0	0
117	Lysosomal control of dendritic cell function. Journal of Leukocyte Biology, 0, , .	3.3	0
118	Immunity on ice: The impact of methamphetamine on peripheral immunity. Advances in Pharmacology, 2023, , .	2.0	0
119	Methamphetamine (MA) use and MA-induced psychosis are associated with increasing aberrations in the compensatory immunoregulatory system, interleukin-1 β , and CCL5 levels. Translational Psychiatry, 2023, 13, .	4.8	1
120	Endolysosome dysfunction in HAND. , 2024, , 271-293.		0
121	The effect of substance misuse on HIV persistence in the CNS. , 2024, , 399-437.		0
122	Immunotoxicology of Drugs of Abuse. , 2024, , .		0