A Key to Methamphetamine-Related Literature

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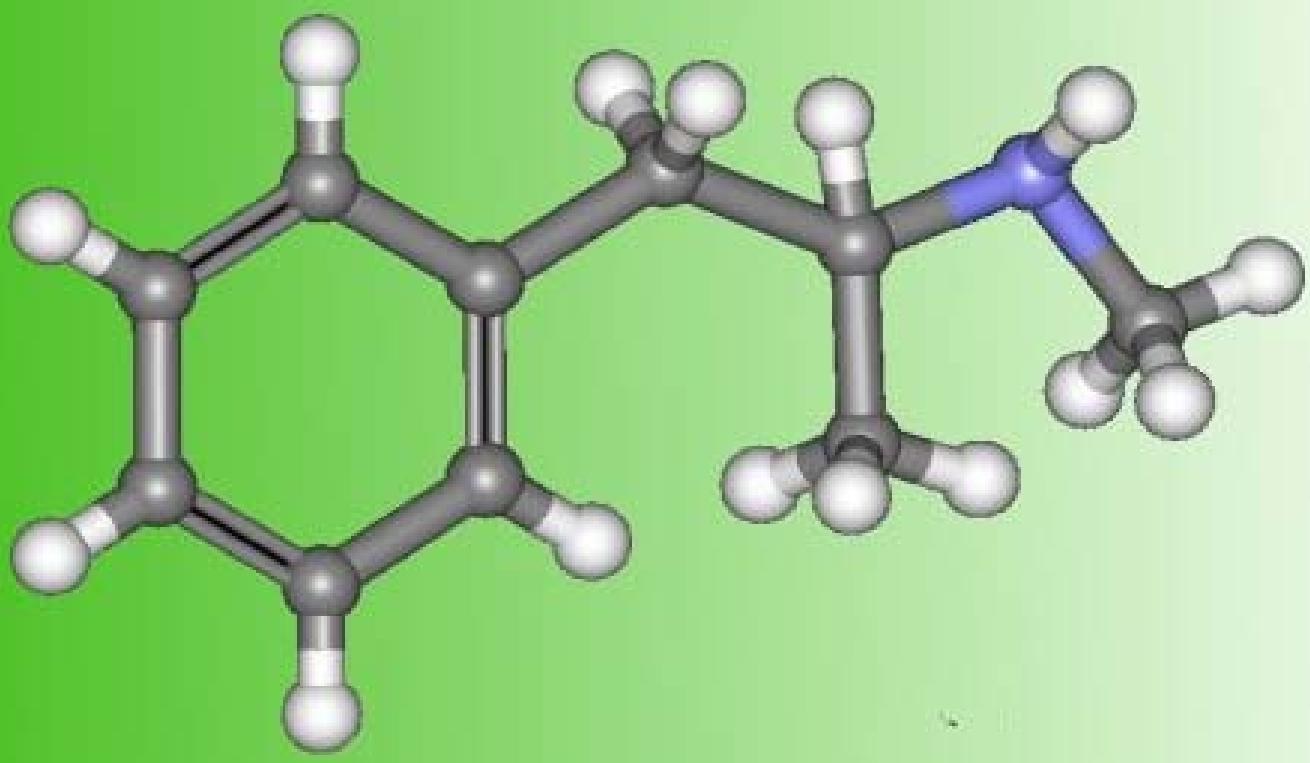

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Document Description

This document is a comprehensive, thematic index of methamphetamine-related journal articles. In its electronic format, it contains links from cited articles to PubMed, a resource of the National Library of Medicine maintained by the National Center for Biotechnology Information. *A Key to Methamphetamine-Related Literature* is posted on the New York State Department of Health's web site at the following URL:
http://www.nyhealth.gov/diseases/aids/harm_reduction/crystalmeth/docs/meth_literature_index.pdf.

Instructions for Use

Viewing the Document

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Navigating the Document

There are two guides for navigating through *A Key to Methamphetamine-Related Literature*: 1) the Grouped Themes; and 2) the more comprehensive Indexed Terms. These tools may be accessed either directly from the body of the document or via the Adobe Reader® Bookmarks. If the Bookmarks are not already visible on the left of your screen, you can view them by selecting View/Navigation Tabs/Bookmarks. There are also extensive cross references throughout the document.

External Links and Resources

In order to access external links and resources, you must have an Internet connection and a browser. If you select a citation in this document with your mouse, you will be linked in most cases to PubMed where you will find an abstract for the article. From the PubMed site you may be able to link out conveniently to other resources, including the full text of the selected article, if you have an electronic subscription to the journal in which it appears. For more information regarding PubMed, you may want to consult PubMed's Help or its Tutorial. For articles which are not in PubMed, an attempt has been made in this document to provide links to publisher sites.

Contact Information

Recommendations for the improvement of this document or other comments may be made to the compiler, Mark Hammer, at mrh01@health.state.ny.us. No requests for the full text of articles nor for hardcopy of this document will be honored.

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Acknowledgements

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The methamphetamine molecule incorporated in the cover image is courtesy of erowid.org.

GROUPED THEMES
Human Studies

BEHAVIORAL CORRELATES

Aggression and Violence
Amotivational Syndrome
Appetite and Feeding
Binge Use
Compulsivity
Hyperactivity
Impulsivity
Psychomotor Task Performance
Relapse
Self-Inflicted Injury and Self-Mutilation
Sexual Risk Behaviors
Sleep
Stereotypic Behaviors

BIOLOGICAL INFLUENCES

Aging and Age Factors
Genetic Factors
Pharmacokinetics and Pharmacodynamics
Pregnancy
Sex Differences

BRAIN

Blood Flow
Distribution of Methamphetamine
Electrical Activity
Glucose Metabolism
Hepatitis C
HIV
Imaging
Lipids
Neurologcial Development and Adaptations
Neurotoxicity
Neurotransmitters
Pharmacokinetics and Pharmacodynamics
Reward System
Seizures

COMMUNITY

Children, Methamphetamine Endangered
Child Welfare System
Circuit Parties and Raves
Crime
Ethnography
Historical Overview
Hospital Utilization
Internet
Methamphetamine Laboratories and Manufacture
Methamphetamine Trafficking and Sale
Occupational Exposure
Pharmacies
Precurosr Regulation
Prevalence of Methamphetamine Use
Prevention of Methamphetamine Use

HIV

Antiretroviral Therapy
Brain, HIV and
Condoms
HIV Counseling and Testing
HIV Disclosure
HIV-Positive Individuals
HIV Prevention
HIV Replication
Methamphetamine Interactions with HIV
Sexually Transmitted Diseases
Sexual Risk Behaviors
Treatment Adherence

LEGAL ISSUES

Children, Methamphetamine-endangered
Child Welfare System
Crime
Drug Courts and Court-Mandated Treatment
Incarceration, Alternatives to
Incarceration and Incarcerated Individuals
Law Enforcement
Methamphetamine Laboratories and Manufacture
Methamphetamine Trafficking and Sale
Precursor Regulation
Policy Making

GROUPED THEMES (human studies)

MEDICAL ISSUES

Antiretroviral Therapy
Bone Density
Brain Hemorrhages and Strokes
Burn Injuries
Cardiovascular Effects and Disease
Corticosterone
Dental and Oral Health
Emergency Care
Estrogen
Eye Conditions and Injuries
Gastrointenstinal System
Health Status
Hepatitis A
Hepatitis B
Hepatitis C
HIV
Hospital Utilization
Hypertension
Hyperthermia
Immune Function
Kidney Function and Disease
Lead Poisoning
Liver Disease
Medical Care
Medical Uses
Metabolic Acidosis
Mortality, Methamphetamine-Associated
Movement Disorders
Nutrition
Obesity
Occupational Exposure
Overdose
Pharmacies
Pregnancy
Pulmonary and Thoracic Disease
Rhabdomyolysis
Seizures
Self-Inflicted Injury and Self-Mutiliation
Sexually Transmitted Diseases
Skin and Soft Tissue Diseases and Disorders
Spinal Cord Injuries
Syringe Exchange and Syringe Access
Testosterone
Traditional Chinese Medicine
Urinary Conditions
Vaccination (hepatitis A)
Vaccination (hepatitiB)
Vaccination (pertussis)
Vascular Disease
Vision and Visual Stimuli
Withdrawal

NEUROLOGICAL, COGNITIVE AND PSYCHOLOGICAL ISSUES

Aggression and Violence
Attention Deficit Hyperactivity Disorder
Attention Deficits
Bipolar Disorder
Brain, Electrical Activity in
Brain, Glucose Metabolism in
Brain Hemorrhages and Strokes
Brain Imaging
Cognition
Compulsivity
Craving
Decision-Making and Judgment
Dependence and Addiction
Depression
Fear and Paranoia
Flashbacks
Hallucinations
HIV Brain Disease
Hyperactivity
Impulsivity
Memory
Mental Health and Illness
Methamphetamine Abstinence Syindrome
Mood
Motivations for Non-Use and Use Cesstion
Motivations for Use
Neurological Development and Adaptations
Neurotoxicity
Panic Disorder
Parkinsonism and Parkinson's Disease
Pharmacokinetics and Pharmacodynamics
Psychomotor Task Performance
Psychosis
Psychotherapy
Reward System
Schizophrenia
Seizures
Self-Inflicted Injury and Self-Mutilation
Self-Perception
Sexual Compulsivity
Sound and Auditory Stimuli
Speech
Spinal Cord Injuries
Sterotypic Behaviors
Stress
Suicide and Suicidal Ideation
Tolerance
Vision and Visual Stimuli

NEUROTRANSMITTERS AND THEIR METABOLISM

Acetylcholine
Dopamine and Dopamine Metabolism
Dopamine Depletion
Dopamine Receptors
Dopamine Transporters
GABA
Glutamate
Monoamine Transport Function
Nitric Oxide
Norepinephrine
Opioid Peptides and Receptors
Serotonin and Serotonin Metabolism

GROUPED THEMES (human studies)

OTHER SUBSTANCES

Adulterated and Contaminated Substances
Alcohol
Amyl Nitrite
Benzodiazepines
Caffeine
Cocaine
Erectile Dysfunction Drugs
Flunitrazepam (Rohypnol™)
GHB
Heroin and Other Opioids
Ketamine
LSD
Marijuana
Methylphenidate (Ritalin™)
Nicotine and Tobacco
Psilocybin
Polydrug Use
Recreational and Club Drugs
Testosterone

POPULATIONS

African-Americans/Blacks (US)
Aging and Age Factors
Asians and Pacific Islanders (US)
Commercial Sex Workers
Ethnography
Former Methamphetamine Users
Gay Men/Men Who Have Sex with Men
Heterosexuals
Hispanics
HIV-Positive Individuals
Homeless Populations
Immigrants
Incarcerated Individuals
Injectors
Lesbians/Women Who Have Sex with Women
Men
Military
Native Americans/First Peoples/Aboriginal North Americans
Race and Ethnicity
Rural Populations
Sex Differences
Smokers
Snorters
Socioeconomic Factors
Transgendered Individuals
Treatment, Methamphetamine Users in
Women
Young People

POPULATIONS—GEOGRAPHY-BASED (UNITED STATES)

Alabama
Arizona
Arkansas
California
Colorado
Florida
Georgia
Guam
Hawaii
Illinois
Indiana
Iowa
Kentucky
Maryland
Massachusetts
Michigan
Minnesota
Missouri
Montana
Nebraska
Nevada
New Jersey
New Mexico
New York
North Dakota
Ohio
Oklahoma
Oregon
South Dakota
Tennessee
Texas
United States Regional Differences
Utah
Washington State
Wisconsin
Wyoming

POPULATIONS—GEOGRAPHY-BASED (OUTSIDE OF UNITED STATES)

Africa
Asia
Australia
Austria
Belgium
7Brazil
Burma
Cambodia
Canada
China
Czech Republic
Denmark
Estonia
Europe
Finland
Germany
Greece
Hong Kong
Ireland
Italy
Japan
Korea
Laos
Latvia
Lithuania
Mexico
Netherlands
New Zealand
Pakistan
Philippines
Poland
Portugal
Russia
Slovak Republic
South Africa
Spain
Sweden
Taiwan
Thailand
Tijuana
United Kingdom

TREATMENT

Acupuncture
Contingency Management
Drug Courts and Court-Mandated Treatment
Harm Reduction
Matrix Model
Methadone Maintenance
Pharmacological Interventions
Psychotherapy
Treatment, Cognitive and Behavioral
Treatment, Methamphetamine Users in
Treatment Outcomes
Treatment Preferences of Methamphetamine Users
Treatment Readiness
Treatment Utilization
Twelve Step and Support Groups

USAGE

Binge Use
Dependence and Addiction
Disclosure of Methamphetamine Use
Initiation of Methamphetamine Use
Injection of Methamphetamine
Medical Uses
Motivations for Non-Use and Use Cessation
Motivations for Use
Oral Administration
Prevalence of Methamphetamine Use
Prevention of Methamphetamine Use
Rectal Administration
Relapse
Self-Regulation
Smoking Methamphetamine
Snorting Methamphetamine
Tolerance
Usage Patterns and Dosing

GROUPED THEMES
NON-HUMAN STUDIES

BEHAVIORAL AND COGNITIVE RESPONSES

Aggression and Violence
Appetite and Feeding
Avoidance Behaviors
Behavioral Responses (comprehensive listing)
Binge Use
Circadian Rhythms
Cognition
Conditioned Place Preference
Craving
Drinking Behavior
Exploratory Behaviors
Hyperactivity
Psychomotor Task Performance
Reproductive Behaviors
Reward System
Self-Administration of Methamphetamine
Self-Inflicted Injury and Self-Mutilation
Sleep
Social Behaviors and Environments
Sound and Auditory Stimuli
Stereotypic Behaviors
Timing and Clock Speed
Vision and Visual Stimuli

BIOLOGICAL INFLUENCES

Aging and Age Factors
Genetic Factors
Pharmacokinetics and Pharmacodynamics
Pregnancy
Sex Differences

BRAIN

Ascorbic Acid
Blood Flow
Electrical Activity
Glucose Metabolism
Hemorrhages and Strokes
HIV
Imaging
Lipids
Protein Expression
Reward System
Seizures

DEPENDENCY

Conditioned Place Preference
Craving
Reward System
Self-Administration of Methamphetamine
Tolerance
Withdrawal

DOSING AND ROUTES OF ADMINISTRATION

Smoking Methamphetamine
Usage Patterns and Dosing

EXTERNAL INFLUENCES

Anesthesia
Pharmacological Interventions
Social Behaviors and Environments
Stress

HUMAN DISEASES (ANIMAL MODELS)

Bipolar Disorder
Brain Hemorrhages and Strokes
HIV/Methamphetamine Interactions
Huntington's Disease
Movement Disorders
Parkinsonism and Parkinson's Disease
Psychosis
Schizophrenia

GROUPED THEMES (human studies)

METABOLIC, HORMONAL AND IMMUNE FUNCTIONS

Brain, Glucose Metabolism in
Brain Imaging
Corticosterone
Estrogen
Immune Function
Insulin Levels
Liver, Metabolism in
Sex Differences
Testosterone

NEUROTRANSMITTERS AND THEIR METABOLISM

Acetylcholine
Aspartate
Brain Imaging
Benzodiazepine Receptors
Dopamine and Dopamine Metabolism
Dopamine Depletion
Dopmanine Receptors
Dopamine Transporters
GABA
Glutamate
Glutamate Receptors
Histamine
Monoamine Transport Function
Neurological Development and Adaptations
Neurotoxicity
Nitric Oxide
Norepinephrine
Opioid Peptides and Receptors
Seratonin and Seratonin Metabolism
Substance P
Tachykinin

ORGAN SYSTEMS AND STRUCTURES

Brain Imaging
Cardiovascular Effects and Disease
Cartilage
Eye Conditions and Injuries
Fat Cells
Kidney Function and Disease
Liver, Metabolism in
Muscles
Neurological Development and Adaptations
Neurotoxicity
Pulmonary Effects and Thoracic Disease
Reproductive System
Vascular Effects and Disease

OTHER SUBSTANCES

Alcohol
Caffeine
Cocaine
Heroin and Other Opioids
Ketamine
Marijuana and Cannabinoids
MDMA
Methylphenidate
Nicotine and Tobacco
Pharmacological Interventions
Phencyclidine
Polydrug Use

PHYSIOLOGICAL RESPONSES

Cardiovascular Effects and Disease
Hypertension
Hyperthermia
Neurological Development and Adaptations
Neurotoxicity
Pharmacokinetics and Pharmacodynamics
Seizures
Tremors

TREATMENT

Acupuncture
Pharmacological Interventions

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See Driving

Avoidance Behaviors (animals)

See also Exploratory Behaviors (animals)

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Behavioral Interventions

See Treatment, Cognitive and Behavioral

Behavioral Responses (animals)

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Clandestine Drug Laboratories

See Methamphetamine Laboratories

Clock Speed

See Circadian Rhythms; Circadian Rhythms (animals); Hyperactivity; Hyperactivity (animals); Timing and Clock Speed (animals)

Club Drugs

See Polydrug Use; Recreational and Club Drugs*; and specific substances*

Cocaine

See also Polydrug Use

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Gamma Hydroxybutyrate

See GHB (Gamma Hydroxybutyrate)

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See also Hepatitis A ; Hepatitis B ; Hepatitis C

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LSD (Lysergic Acid Diethylamide)

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Manufacture

See Methamphetamine Laboratories and Manufacture

Lungs

See Pulmonary Effects and Thoracic Disease; Pulmonary Effects and Thoracic Disease (animals)

Marijuana and Cannabinoids

See also Polydrug Use

Arria, A. M., C. Derauf, et al. (2006). "Methamphetamine and other substance use during pregnancy: Preliminary estimates from the Infant Development, Environment, and Lifestyle (IDEAL) study." Matern Child Health J 10(3): 293-302.

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MDMA (3, 4-methylenedioxymethamphetamine)

See also Polydrug Use

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Men

See also Gay Men/Men who Have Sex with Men; Heterosexuals; Sex Differences; *and other populations*

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See also Attention Deficit Hyperactivity Disorder: Cognition; Depression; Mood; Psychosis

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See also Conditioned Place Preference; Self-Administration of Methamphetamine

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See also Estrogen; Men; Testosterone; Women

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See Erectile Dysfunction Drugs

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