ACEA/ ARACHIDONYL-2'-CHLOROETHYLAMIDE - synthetic, CB1 agonist

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**ADDICTION**


Relative Addictiveness of Various Substances (full - 1990) [http://www.ukcia.org/research/addictiv.htm](http://www.ukcia.org/research/addictiv.htm)


Anandamide, an Endogenous Cannabinoid, Has a Very Low Physical Dependence Potential (full - 1998) [http://jpet.aspetjournals.org/content/287/2/598.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=480&resourcetype=HWCIT](http://jpet.aspetjournals.org/content/287/2/598.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=480&resourcetype=HWCIT)
ADD/ ADHD

ADHD by Ryan P  (anecdotal - undated)  http://www.rxmarijuana.com/shared_comments/ADHD4.htm

Marijuana and ADD Therapeutic uses of Medical Marijuana in the treatment of ADD (undated)  http://www.onlinepot.org/medical/add&mmj.htm


2-AG / 2-ARACHIDONOYLGlycerol  - endocannabinoid, CB1 & CB 2 agonist

Phytocannabinoids  (news – undated)  http://www.news-medical.net/health/Phytocannabinoids.aspx


2-Arachidonoylglycerol, an endogenous cannabinoid receptor agonist: identification as one of the major species of monoacylglycerols in various rat tissues, and evidence for its generation through Ca2.-dependent and -independent mechanisms  (full – 1998)  http://www.druglibrary.org/crl/receptors/endogenous/Kondo%20et.al%2098%20Generation_%20FEBSLet.pdf


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AGING /USE BY SENIORS

Post-Menopausal Hot Flashes by Anonymous     (abst – undated)
http://www.rxmarijuana.com/shared_comments/menopause.htm

Changes in cannabinoid receptor binding and mRNA levels in several brain regions of aged rats     (full - 1998)  http://www.ncbi.nlm.nih.gov/pubmed/9748581

ALCOHOLISM /ALCOHOL


ALLERGIES AND CANNABIS

ALLERGIES TO CANNABIS

Allergy to Marihuana (abst - 1971)

Occupational immediate type allergy to hemp pollen and hashish (abst – 1980)

Allergic Skin Test Reactivity to Marijuana in the Southwest (full - 1983)

Allergenic properties of naturally occurring cannabinoids. (abst - 1983)

ALZHEIMER'S DISEASE

Effects of dronabinol on anorexia and disturbed behavior in patients with Alzheimer's disease. (abst - 1997)
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AM-281 - synthetic, CB1 antagonist and inverse agonist


AM-630 - synthetic, CB2 antagonist

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AMOTIVATIONAL SYNDROME

Marihuana Use and Psychosocial Adaptation (abst - 1974)
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ANANDAMIDE / AEA – endocannabinoid, CB 1 & 2 agonist

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Cross-tolerance between delta-9-tetrahydrocannabinol and the cannabimimetic agentsCP 55,940, WIN 55,212-2 and anandamide. (full - 1993)
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Pain modulation by release of the endogenous cannabinoid anandamide (full - 1999) http://www.pnas.org/content/96/21/12198.full


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Biological activity of cannabichromene, its homologs and isomers. (abst - 1981)

Antiinflammatory and antimicrobial compounds and compositions

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Biological screening of 100 plant extracts for cosmetic use (II): anti-oxidative activity and free radical scavenging activity.  (abst - 1997)  
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Sedative activity of cannabis in relation to its delta'-trans-tetrahydrocannabinol and cannabidiol content. (full - 1981)
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Anorexia and hyperphagia produced by five pharmacologic classes of hallucinogens. (abst – 1982)

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Dronabinol enhancement of appetite in cancer patients. (abst - 1990)
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**ARTHRITIS**


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ASTHMA - also see LUNG FUNCTION

Acute effects of smoked marijuana and oral delta-9-tetrahydrocannabinol on specific airway conductance in asthmatic subjects  (full - 1974)
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Bronchodilator effect of delta1-tetrahydrocannabinol administered by aerosol of asthmatic patients.  (full - 1976)
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Role of prostaglandins in marihuana-induced bronchodilation.  (abst – 1986)

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**BETA-CARYOPHYLLENE/ (E)-BCP** – phytocannabinoid, CB2 agonist

The Volatile Oil Composition of Fresh and Air-Dried Buds of Cannabis sativa (full – 1996)  

**BIPOLAR DISORDER**

Bipolar Disorder and Endometriosis by Anonymous (anecdotal – undated)  

The Use of Cannabis as a Mood Stabilizer in Bipolar Disorder: Anecdotal Evidence and the Need for Clinical Research (full - 1998)  
[http://www.ukcia.org/research/TheUseofCannabisasaMoodStabilizerinBipolarDisorder.html](http://www.ukcia.org/research/TheUseofCannabisasaMoodStabilizerinBipolarDisorder.html)

**BLADDER / URINARY FUNCTIONS**

Comparative diuretic activity of delta9-tetrahydrocannabinol, cannabidiol, cannabinol and hydrochlorothiazide in the rat. (abst – 1977)  

Evidence for the presence of cannabinoid CB1 receptors in mouse urinary bladder (full – 1996)  
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**BLEPHAROSPASM** - also see MEIGE'S SYNDROME

Open label evaluation of cannabidiol in dystonic movement disorders. (full - 1986)  
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Anandamide, a Natural Ligand for the Peripheral Cannabinoid Receptor Is a Novel Synergistic Growth Factor for Hematopoietic Cells  (full – 1997)  
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The inhibitory effects of cannabinoids, the active constituents of Cannabis sativa L. on human and rabbit platelet aggregation.  (abst – 1989)  

**BLOOD PRESSURE**

Reduction by Δ9-tetrahydrocannabinol in the blood pressure of hypertensive rats bearing regenerated adrenal glands  (full - 1973)  
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The effect of cannabichromene on mean blood pressure, heart rate, and respiration rate responses to tetrahydrocannabinol in the anesthetized rat  (abst – 1979)  

Cannabinoids. II. Cardiovascular Effects  (full - 1980)  
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The cardiovascular and autonomic effects of repeated administration of delta-9-tetrahydrocannabinol to rhesus monkeys.  (abst – 1981)  

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Novel antagonist implicates the CB1 cannabinoid receptor in the hypotensive action of anandamide.  (abst – 1995)  

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Body's 'cannabis' could hold blood pressure key (news - 1998)  
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**BOWEL DISORDERS** - also see GERD, COLITIS, IBS, CROHN’S

Effects of cannabidiol derivatives on intestinal motility  (abst - undated)  
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Some actions of delta-1 tetrahydrocannabinol and cannabidiol at cholinergic junctions. (full – 1971)  

The effect of cannabinoids on intestinal motility and their antinociceptive effect in mice (full - 1973)  
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Intestinal obstruction by an unusual foreign body  (full - 1973)  

Psychoactive Cannabinoids Reduce Gastrointestinal Propulsion and Motility in Rodents (full - 1989)  
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The role of cannabinoid receptors in intestinal motility, defaecation and diarrhoea in rats (abst - 1999)  

**BRAIN – PHYSICAL EFFECTS**


Computed tomographic examination of heavy marijuana smokers. (abst – 1977)  

Neurological and neuroradiological examination of chronic cannabis smokers.
BRAIN TRAUMA


Cytokine production in the brain following closed head injury: dexanabinol (HU-211) is a novel TNF-alpha inhibitor and an effective neuroprotectant.  (abst – 1997)  http://www.ncbi.nlm.nih.gov/pubmed/9042110


BREASTFEEDING/ LACTATION/ INFANT APPETITE


Mammary excretion of cannabidiol in rabbits after intravenous administration.
CANCER - BREAST

The endogenous cannabinoid anandamide inhibits human breast cancer cell proliferation (full - 1998)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC20983/

Suppression of Nerve Growth Factor Trk Receptors and Prolactin Receptors by Endocannabinoids Leads to Inhibition of Human Breast and Prostate Cancer Cell Proliferation (full - 2000)  http://endo.endojournals.org/cgi/content/full/141/1/118

CANCER - GASTRIC


CANCER – GLIOMA/ BRAIN CANCERS


CANCER - LEUKEMIA

Effects of cannabinoids on L1210 murine leukemia. 1. Inhibition of DNA synthesis. (abst - 1977)
Cannabinoids induce incomplete maturation of cultured human leukemia cells  
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Fatal aspergillosis associated with smoking contaminated marijuana, in a marrow transplant recipient.  (full - 1988)  
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**CANCER - LUNG**

A pilot study of orally administered Δ1-trans-tetrahydrocannabinol in the management of patients undergoing radiotherapy for carcinoma of the bronchus  
(full - 1974)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1402430/?tool=pmcentrez&page=1

Anticancer activity of cannabinoids  
(full - 1975)  

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Marijuana Less Harmful to Lungs than Cigarettes  
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http://www.ukcia.org/research/lungs.php

So, you thought it was the tar that caused cancer...  
(news – 1999)  
http://www.ukcia.org/research/cancer2.php

**CANCER - LYMPHOMA**

UCSF Researchers Report New Risk Factors For Non-Hodgkin's Lymphoma  
(news - 1999)  
http://www.sciencedaily.com/releases/1999/08/990817065339.htm
CANCER - MELANOMA

Intractable nausea and vomiting due to gastrointestinal mucosal metastases  (abst - 1997)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=35

CANCER - NEUROBLASTOMA

Inhibition of neuroblastoma adenylate cyclase by cannabinoid and nantradol compounds  


Interaction of delta-9-tetrahydrocannabinol with rat B103 neuroblastoma cells.  

Cannabinoids inhibit N-type calcium channels in neuroblastoma-glioma cells.  
(full - 1992)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC525583/

Cannabinoid receptor agonists inhibit Ca current in NG108-15 neuroblastoma cells via a pertussis toxin-sensitive mechanism.  
(full - 1992)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1907498/?tool=pmcentrez&page=1


Tau protein after delta-9-tetrahydrocannabinol in a human neuroblastoma cell line.  

CANCER - ORAL

CANCER - PROSTATE

Delta9-tetrahydrocannabinol induces apoptosis in human prostate PC-3 cells via a receptor-independent mechanism. (abst - 1999)

CANCER - RISK CANNABIS VS TOBACCO

So, you thought it was the tar that caused cancer... (news - undated)
http://www.ukcia.org/research/cancer2.php

Marijuana Less Harmful to Lungs than Cigarettes (news - 1994)
http://www.ukcia.org/research/lungs.php


Why Doesn't Smoking Marijuana Cause Cancer? (news - 1999)
http://www.healthcentral.com/drdean/408/14275.html

CANCER - TESTICULAR

Chemotherapy for Testicular Cancer (anecdotal - undated)
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Crossover comparison of the antiemetic efficacy of nabilone and alizapride in patients with nonseminomatous testicular cancer receiving cisplatin therapy (abst - 1986)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=127
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Delta-9-Tetrahydrocannabinol as an Antiemetic in Cancer Patients Receiving High-Dose Methotrexate (full - 1979) http://www.ukcia.org/research/AntiemeticForMethotrexate.php

Delta-9-tetrahydrocannabinol as an antiemetic for patients receiving cancer chemotherapy. A comparison with prochlorperazine and a placebo. (abst - 1979)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=5

Delta-9-tetrahydrocannabinol (THC) as an antiemetic in patients treated with cancer chemotherapy; a double-blind cross-over trial against placebo (abst - 1979)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=27

Amelioration of cancer chemotherapy-induced nausea and vomiting by delta-9--tetrahydrocannabinol. (abst - 1979)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=107

Superiority of nabilone over prochlorperazine as an antiemetic in patients receiving cancer chemotherapy. (abst - 1979)
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The antiemetic activity of tetrahydrocanabinol versus metoclopramide and thiethylperazine in patients undergoing cancer chemotherapy. (abst - 1980)
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A multi-institutional Phase III study of nabilone vs. placebo in chemotherapy-induced nausea and vomiting. (abst - 1982)
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Prospective randomized double-blind trial of nabilone versus domperidone in the treatment of cytotoxic-induced emesis (abst - 1986)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=129

Efficacy of tetrahydrocannabinol in patients refractory to standard anti-emetic therapy (abst - 1988)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=31

Dronabinol enhancement of appetite in cancer patients. (abst - 1990)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=149
Dronabinol and prochlorperazine in combination for treatment of cancer chemotherapy-induced nausea and vomiting. (abst - 1991)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=28

A phase II study of delta-9-tetrahydrocannabinol for appetite stimulation in cancer-associated anorexia (abst - 1994)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=52


Toxicity and Carcinogenicity of {Delta}9-Tetrahydrocannabinol in Fischer Rats and B6C3F1 Mice (abst - 1996)
http://toxsci.oxfordjournals.org/cgi/content/abstract/30/1/109?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=240&resourcetype=HWCT


**CBC/ CANNABICHROMENE** - phytocannabinoid, unknown receptor

Phytocannabinoids (news – undated)
http://www.news-medical.net/health/Phytocannabinoids.aspx

Constituents of Cannabis sativa L. VIII: Possible biological application of a new method to separate cannabidiol and cannabichromene. (abst - 1975)

The effect of cannabichromene on mean blood pressure, heart rate, and respiration rate responses to tetrahydrocannabinol in the anesthetized rat (abst – 1979)

Anti-inflammatory properties of cannabichromene (abst – 1980)

Biological activity of cannabichromene, its homologs and isomers. (abst - 1981)

Process for preparing cannabichromene (full - 1982)
http://www.patentstorm.us/patents/4315862/description.html

Allergenic properties of naturally occurring cannabinoids.  (abst - 1983)  

Neurobehavioral actions of cannabichromene and interactions with delta 9-tetrahydrocannabinol.  (abst - 1983)  

Intraocular pressure, ocular toxicity and neurotoxicity after administration of delta 9-tetrahydrocannabinol or cannabichromene.  (abst – 1984)  

Antiinflammatory and antimicrobial compounds and compositions  
United States Patent 4837228  (full - 1989)  
http://www.freepatentsonline.com/4837228.html

In vitro metabolism of cannabichromene in seven common laboratory animals.  
(abst – 1990)  

**CBD/ CANNABIDIOL**  antagonist of CB1 and CB2, GPR – 55 and 18

Phytocannabinoids (news – undated)  
http://www.news-medical.net/health/Phytocannabinoids.aspx

ACCESSING 0.5 to 2.0 GRAMS CBD FRACTIONATING THE PHYTOCANNABINOIDS BY THEIR VAPORIZATION POINTS  (article - undated )  

Effects of cannabidiol derivatives on intestinal motility  (abst - undated)  
http://www.docstoc.com/docs/26071658/Effects-of-cannabidiol-derivatives-on-intestinal-motility-

**STUDIES ON THE PHARMACOLOGY AND ACUTE TOXICITY OF COMPOUNDS WITH MARIHUANA ACTIVITY**  (abst - 1946)  
http://jpet.aspetjournals.org/content/88/2/154.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT

Some actions of delta-1 tetrahydrocannabinol and cannabidiol at cholinergic junctions.  
(full – 1971)  

A metabolic interaction in vivo between cannabidiol and Δ1-tetrahydrocannabinol  
(full - 1972)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1666148/?tool=pubmed

Interactions in man of delta-9-tetrahydrocannabinol. II. Cannabinol and cannabidiol.  
(abst – 1975)  

Differential effect of cannabinol and cannabidiol on THC-induced responses during abstinence in morphine-dependent rats.  (abst - 1975)
Constituents of Cannabis sativa L. VIII: Possible biological application of a new method to separate cannabidiol and cannabichromene. (abst - 1975)

The influence of delta9-tetrahydrocannabinol, cannabinol and cannabidiol on tissue oxygen consumption. (abst – 1975)

Absence of interaction between delta9-tetrahydrocannabinol (delta-THC) and cannabidiol (CBD) in aggression, muscle control and body temperature experiments in mice. (abst – 1975)

Anticonvulsant activity of four oxygenated cannabidiol derivatives. (abst – 1975)

Antibacterial activity of delta9-tetrahydrocannabinol and cannabidiol. (abst - 1976)

Cannabidiol--antiepileptic drug comparisons and interactions in experimentally induced seizures in rats. (abst - 1977)

In vivo effects of cannabinoids on macromolecular biosynthesis in Lewis lung carcinomas. (abst - 1977)

Interaction of cannabidiol and alcohol in humans. (abst – 1979)

CHRONIC ADMINISTRATION OF CANNABIDIOL TO HEALTHY VOLUNTEERS AND EPILEPTIC PATIENTS (full - 1980)

Sedative activity of cannabis in relation to its delta'-trans-tetrahydrocannabinol and cannabidiol content. (full - 1981)

Antiepileptic potential of cannabidiol analogs. (abst - 1981)

The cannabinoids as potential antiepileptics. (abst - 1981)

Effects of cannabidiol on behavioral seizures caused by convulsant drugs or current in mice. (abst - 1982)
Anticonvulsant effects of the (-) and (+)isomers of cannabidiol and their dimethylheptyl homologs.  (abst - 1982)

Allergenic properties of naturally occurring cannabinoids.  (abst - 1983)

Ocular Hypotension, Ocular Toxicity, and Neurotoxicity in Response to Marijuana Extract and Cannabidiol.  (abst - 1984)

Stimulation of Sphingomyelin Hydrolysis by Cannabidiol in Fibroblasts from a Niemann-Pick Patient.  (abst - 1984)

Treatment of Meige's syndrome with cannabidiol.  (abst - 1984)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=114

The quasi-morphine withdrawal syndrome: effect of cannabinol, cannabidiol and tetrahydrocannabinol.  (abst - 1985)

Beneficial and adverse effects of cannabidiol in a Parkinson patient with sinemet-induced dystonic dyskinesia.  (abst - 1985)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=142

Open label evaluation of cannabidiol in dystonic movement disorders.  (full - 1986)
http://web.acsalaska.net/~warmingun/es017.html

EFFECTS OF CANNABIDIOL IN HUNTINGTON'S DISEASE  (abst - 1986)
http://www.druglibrary.org/schaffer/hemp/medical/hunting1.htm

Cannabidiol in dystonic movement disorders.  (abst - 1986)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=139

The inhibitory effects of cannabinoids, the active constituents of Cannabis sativa L. on human and rabbit platelet aggregation.  (abst - 1989)

Antianxiety effect of cannabidiol in the elevated plus-maze.  (abst – 1990)

Mammary excretion of cannabidiol in rabbits after intravenous administration.  (abst - 1994)

Cannabidiol and (−)Δ9-tetrahydrocannabinol are neuroprotective antioxidants (full – 1998) [1]

Marijuana chemical tapped to fight strokes? (news – 1998) [2]

Cannabinoid Antioxidant Protects Brain Cells -- Without the High (news – 1998) [3]

CBD-ABN/ABNORMAL CANNABIDIOL/CAY10429 - synthetic

Effects of cannabinoids on L1210 murine leukemia. 1. Inhibition of DNA synthesis. (abst – 1977) [4]

A cannabinoid with cardiovascular activity but no overt behavioral effects. (abst – 1977) [5]

CBDA/CANNABIDIOLIC ACID - precursor to Cannabidiol

Purification and characterization of cannabidiolic-acid synthase from Cannabis sativa L.. Biochemical analysis of a novel enzyme that catalyzes the oxidocyclization of cannabigerolic acid to cannabidiolic acid. (full – 1996) [6]

CBG/CANNABIGEROL - phytocannabinoid, CB2 agonist

Phytocannabinoids (news – undated) [7]

Allergenic properties of naturally occurring cannabinoids. (abst - 1983) [8]

Intraocular pressure, ocular toxicity and neurotoxicity after administration of cannabinol or cannabigerol. (abst – 1984) [9]
Identification of a New Chemotype in Cannabis sativa: Cannabigerol - Dominant Plants, Biogenetic and Agronomic Prospects  (abst – 1987)  

The inhibitory effects of cannabinoids, the active constituents of Cannabis sativa L. on human and rabbit platelet aggregation.  (abst - 1989)  

A comparison of the ocular and central effects of delta 9-tetrahydrocannabinol and cannabigerol.  (abst - 1990)  

In vitro metabolism of cannabigerol in several mammalian species.  (abst – 1990)  


**CBR - CB1 CANNABINOID RECEPTOR**  -activated by THC, Anandamide, synthetics

Cannabinoid Receptor Ligands  (full - undated)  
http://www.tocris.com/pdfs/cannabinoid_receptor_review/page_001.html

Isolation and Structure of a Brain Constituent That Binds to the Cannabinoid Receptor.  (abst – 1992)  

Novel antagonist implicates the CB1 cannabinoid receptor in the hypotensive action of anandamide.  (abst – 1995)  

The CB1 cannabinoid receptor antagonist SR 141716A affects A9 dopamine neuronal activity in the rat.  (abst – 1995)  

Evidence for the presence of cannabinoid CB1 receptors in mouse urinary bladder  (full – 1996)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1909890/

Marijuana and chocolate.  (abst – 1996)  

Cannabinoid-Induced Hypotension and Bradycardia in Rats Is Mediated by CB1-Like Cannabinoid Receptors  (full - 1997)  
http://jpet.aspetjournals.org/content/281/3/1030.full?maxtoshow=&bits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT

Pharmacology of cannabinoid CB1 and CB2 receptors.  (abst – 1997)  
Activation of peripheral CB1 cannabinoid receptors in haemorrhagic shock. 

Hypoactivity of the Spinal Cannabinoid System Results in NMDA-Dependent Hyperalgesia  
(full – 1998)  http://www.jneurosci.org/content/18/1/451.long

Assessment of Anandamide Interaction with the Cannabinoid Brain Receptor: SR 141716A Antagonism Studies in Mice and Autoradiographic Analysis of Receptor Binding in Rat Brain  
(full – 1998)  http://jpet.aspetjournals.org/content/284/3/1209.full

Cardiovascular actions of cannabinoids and their generation during shock.  

Evidence That the Cannabinoid CB1 Receptor Is a 2-Arachidonoylglycerol Receptor  
(full – 1999)  http://www.jbc.org/content/274/5/2794.long

Increased Mortality, Hypoactivity, and Hypoalgesia in Cannabinoid Cb1 Receptor Knockout Mice.  
(full – 1999)  http://www.pnas.org/content/96/10/5780.long

Anandamide induces overeating: mediation by central cannabinoid (CB1) receptors  

Cannabis and cannabinoids: pharmacology and rationale for clinical use  

Expression of the cannabinoid receptor CB1 in distinct neuronal subpopulations in the adult mouse forebrain.  

Thujone exhibits low affinity for cannabinoid receptors but fails to evoke cannabimimetic responses.  

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**CBR - CB2 CANNABINOID RECEPTOR** - no "high", activated by THC, Anandamide, 2-AG

Cannabinoid Receptor Ligands  
(full - undated)  http://www.tocris.com/pdfs/cannabinoid_receptor_review/page_001.html

Cannabinoids enhance human B-cell growth at low nanomolar concentrations.  

Pharmacology of cannabinoid CB1 and CB2 receptors.  
Cannabis and cannabinoids: pharmacology and rationale for clinical use.

CBR - GPR55/ CB3 CANNABINOID RECEPTOR
Activated by 1-α-lysophosphatidylinositol (LPI), and to a lesser extent possibly by THC, CBD,O-1602, PEA, 2-AG, Anandamide, Virodhamine


CEREBRAL PALSY

Treatment of human spasticity with delta 9-tetrahydrocannabinol.  (abst – 1981)  

CHEMICAL COMPOSITION

Compounds found in Cannabis Sativa  (list- undated)  
http://www.ukcia.org/research/cannabis-compounds.htm

The active principles of Cannabis indica resin. I.  (full - 1938)

The Active Principles of Cannabis and the Pharmacology of the Cannabinols (full - 1940)  
http://www.ukcia.org/research/TherapeuticPotentialMedicalUses.php

HEMP AS A MEDICAMENT : Properties of isolated substances  (full - 1955)  
http://www.bushka.cz/KabelikEN/proprieties.html

HEMP AS A MEDICAMENT : Survey of clinical experiences  (full - 1955)  
http://www.bushka.cz/KabelikEN/survey.html

Isolation, Structure, and Partial Synthesis of an Active Constituent of Hashish (1st page - 1964)  
http://pubs.acs.org/doi/abs/10.1021/ja01062a046
Recent Developments in Cannabis Chemistry (full - 1972)

A SIMPLE METHOD FOR DEMONSTRATING TETRAHYDROCANNABINOLS IN FRESH OR FIXED FROZEN SECTIONS (full – 1972)
http://jhc.sagepub.com/content/20/10/827.full.pdf+html

Water-soluble derivatives of 1-tetrahydrocannabinol. (abst - 1972)

The chemistry and biological activity of cannabis (news - 1972)

Cannabinoid Phenotypes in Cannabis sativa (abst - 1973)
http://www.nature.com/nature/journal/v245/n5421/abs/245147a0.html

Constituents of Cannabis sativa L. II: Absence of cannabidiol in an african variant (abst – 1975)

Constituents of Cannabis sativa L. VIII: Possible biological application of a new method to separate cannabidiol and cannabichromene. (abst - 1975)

Cannabinoid Profile and Elemental Uptake of Cannabis sativa L. as Influenced by Soil Characteristics (abst - 1975)


Chemical composition of Brazilian marihuana samples and the importance of several constituents to the pharmacological activity of the plant (abst – 1977)

Cannabinoid formation in Cannabis sativa grafted inter-racially, and with two Humulus species (abst - 1975)


CHEMOTAXONOMY OF CANNABIS 1. CROSSBREEDING BETWEEN CANNABIS SATIVA AND C. RUDERALIS, WITH ANALYSIS OF CANNABINOID CONTENT (full - 1978)

Influence of photoperiodism on cannabinoid content of Cannabis sativa L.


Charaterization of the lipophilicity of natural and synthetic analogs of delta 9-tetrahydrocannabinol and its relationship to pharmacological potency. (abst - 1990)


Effect of nitrogen on tetrahydrocannabinol (THC) content in hemp (Cannabis sativa L.) leaves at different positions  (full - 1997)  http://www.internationalhempassociation.org/jiha/jiha4207.html


Immunochemical localization of tetrahydrocannabinol (THC) in cryofixed glandular trichomes of Cannabis (Cannabaceae)  (full – 1997)  http://www.amjbot.org/content/84/3/336.full.pdf+html


Hemp Seed Oil : The Wonder Oil For the New Millennium  (news - 1999)  http://www.ukcia.org/research/Happi/HempSeedOilTheWonderOilForTheNewMillennium.htm

**CHEMOTHERAPY**


Delta-9-Tetrahydrocannabinol as an Antiemetic in Cancer Patients Receiving High-Dose Methotrexate  (full - 1979)  http://www.ukcia.org/research/AntiemeticForMethotrexate.php

Delta-9-tetrahydrocannabinol (THC) as an antiemetic in patients treated with cancer chemotherapy; a double-blind cross-over trial against placebo  (abst - 1979)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?ss_id=27

Amelioration of cancer chemotherapy-induced nausea and vomiting by delta-9-tetrahydrocannabinol.  (abst - 1979)

Superiority of nabilone over prochlorperazine as an antiemetic in patients receiving cancer chemotherapy.  (abst - 1979)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?ss_id=126

Antiemetic effect of tetrahydrocannabinol. Compared with placebo and prochlorperazine in chemotherapy-associated nausea and emesis.  (abst - 1980)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?ss_id=6

The antiemetic activity of tetrahydrocanabinol versus metoclopramide and thiethylperazine in patients undergoing cancer chemotherapy.  (abst - 1980)

Antiemetics in patients receiving chemotherapy for cancer: a randomized comparison of delta-9-tetrahydrocannabinol and prochlorperazine.  (abst - 1980)

Double-blind comparison of the antiemetic effects of nabilone and prochlorperazine on chemotherapy-induced emesis.  (abst - 1980)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?ss_id=131

Physiologic observations in a controlled clinical trial of the antiemetic effectiveness of 5, 10, and 15 mg of delta 9-tetrahydrocannabinol in cancer chemotherapy. Ophthalmologic implications.  (abst - 1981)

Clinical experience with levonantradol hydrochloride in the prevention of cancer chemotherapy-induced nausea and vomiting.  (abst – 1981)

Dose vs response of tetrahydroannabinol (THC) vs prochlorperazine as chemotherapy antiemetics.  (abst - 1981)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?ss_id=30

Comparative trial of the antiemetic effects of THC and haloperidol  (abst - 1981)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?ss_id=64

Levonantradol, a new antiemetic with a high rate of side-effects for the prevention of nausea and vomiting in patients receiving cancer chemotherapy.  (abst – 1982)

A double-blind, controlled trial of nabilone vs. prochlorperazine for refractory emesis induced by cancer chemotherapy.  (abst - 1982)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=146

A multi-institutional Phase III study of nabilone vs. placebo in chemotherapy-induced nausea and vomiting.  (abst - 1982)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=156

Anti-emetic efficacy and toxicity of nabilone, a synthetic cannabinoid, in lung cancer chemotherapy.  (full - 1983)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2011510/?tool=pmcentrez&page=1

Levonantradol: a synthetic cannabinoid in the treatment of severe chemotherapy-induced nausea and vomiting resistant to conventional anti-emetic therapy.  (abst – 1983)  

Antiemetic efficacy of levonantradol compared to delta-9-tetrahydrocannabinol for chemotherapy-induced nausea and vomiting.  (abst – 1985)  

THC or Compazine for the cancer chemotherapy patient--the UCLA study. Part II: Patient drug preference.  (abst - 1985)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=34

A cross-over comparison of nabilone and prochlorperazine for emesis induced by cancer chemotherapy.  (abst - 1985)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=128

Nabilone: an alternative antiemetic for cancer chemotherapy.  (full - 1986)  

Crossover comparison of the antiemetic efficacy of nabilone and alizapride in patients with nonseminomatous testicular cancer receiving cisplatin therapy  (abst - 1986)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=127

Prospective randomized double-blind trial of nabilone versus domperidone in the treatment of cytotoxic-induced emesis.  (abst - 1986)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=129

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=120


**CHILDREN/ YOUNG ADULTS**


Analysis of Facial Shape in Children Gestationally Exposed to Marijuana, Alcohol, and/or Cocaine (abst - 1992) http://pediatrics.aappublications.org/cgi/content/abstract/89/1/67?maxtoshow=&hits=80&RESULTFORM AT=&fulltext=marihuana&searchid=1&FIRSTINDEX=960&resourcetype=HWCIT


Mortality Within the First 2 Years in Infants Exposed to Cocaine, Opiate, or Cannabinoid During Gestation (abst - 1997) http://pediatrics.aappublications.org/cgi/content/abstract/100/1/79?maxtoshow=&hits=80&RESULTFORM AT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=640&resourcetype=HWCIT


Cannabis and pregnancy (full - 1999)  
http://www.ukcia.org/research/CannabisAndPregnancy.php

Ganja mothers, ganja babies (news - 1999)  
http://www.cannabisculture.com/articles/1422.html

Marijuana and ADD- Therapeutic uses of Medical Marijuana in the treatment of ADD (news - 1999?)  
http://www.onlinepot.org/medical/add&mmj.htm

**CHOCOLATE.** contains a small amount of Anandamide and related compounds

Marijuana and chocolate. (abst - 1996)  

Chocolate: food or drug? (abst – 1999)  

**CHOLERA**

Differential cholera-toxin sensitivity of supraspinal antinociception induced by the cannabinoid agonists delta9-THC, WIN 55,212-2 and anandamide in mice.  
(abst – 1999)  

**CHOLESTEROL**

Cannabinoids impair the formation of cholesteryl ester in cultured human cells.  
(full – 1981)  
http://atvb.ahajournals.org/cgi/reprint/1/6/449

**CHRONIC FATIGUE SYNDROME/ MYALGIC ENCEPHALOMYELITIS**

Myalgic Encephalomyelitis by Anonymous  (anecdotal – undated)
A Practical treatise on nervous exhaustion (neurasthenia) aka Chronic Fatigue Syndrome (full – 1894)


**COLITIS** also see BOWEL DISORDERS

Ulcerative Colitis and Marijuana (letter - 1990)
http://www.druglibrary.org/schaffer/hemp/medical/colitis1.htm

**COPD/ CHRONIC OBSTRUCTIVE PULMONARY DISEASE**

Heavy Habitual Marijuana Smoking Does Not Cause an Accelerated Decline in FEV with Age (full - 1997)

Marijuana. Respiratory tract effects. (abst - 1997)

Heavy Long-Term Marijuana Use Does Not Impair Lung Function (news - 1997)
http://www.erowid.org/plants/cannabis/cannabis_media7.shtml

**CP 47,497** - a synthetic cannabinoid, CB1 & CB2 agonist

Cannabimimetic activity from CP-47,497, a derivative of 3-phenylcyclohexanol (abst - 1982)
http://jpet.aspetjournals.org/content/223/2/516.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=Hexahydrocannabinol&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT

**CP 50,556-1 / LEVONANTRADOL** synthetic, CB1 & CB2 agonist


CP 55,940 - a synthetic cannabinoid-CB1, CB2 & GPR-55 agonist

Molecular cloning of a human cannabinoid receptor which is also expressed in testis (full – 1991) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1151556/

Cannabinoid receptor agonists inhibit Ca current in NG108-15 neuroblastoma cells via a pertussis toxin-sensitive mechanism. (full - 1992) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1907498/?tool=pmcentrez&page=1

Cross-tolerance between delta-9-tetrahydrocannabinol and the cannabimimetic agents, CP 55,940, WIN 55,212-2 and anandamide. (full - 1993) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2175863/?tool=pmcentrez&page=1

AM630, a competitive cannabinoid receptor antagonist. (abst – 1995)  

Involvement of Dynorphin B in the Antinociceptive Effects of the Cannabinoid CP55,940 in the Spinal Cord  (full - 1997)  
http://jpet.aspetjournals.org/content/281/2/730.full

Cannabinoid Receptor Agonists Protect Cultured Rat Hippocampal Neurons from Excitotoxicity  (full - 1998)  
http://molpharm.aspetjournals.org/content/54/3/459.full

Potent Effects of a Selective Cannabinoid Receptor Agonist on Some Guinea Pig Medial Vestibular Nucleus Neurons.  (abst – 1998)  

The role of cannabinoid receptors in intestinal motility, defaecation and diarrhoea in rats  (abst - 1999)  

CROHN’S DISEASE also see BOWEL DISORDERS

Marijuana and Crohn’s Disease  (anecdotal - 1997)  
http://www.rxmarihuana.com/chrohns3.htm

CYSTIC FIBROSIS

I have Cystic fibrosis  (anecdotal - undated)  
http://www.massocann.org/consumption/73-medicine/314-i-have-cystic-fibrosis

Recreational use of psychoactive drugs by patients with cystic fibrosis.  (abst – 1987)  

DEPRESSION

The perceived effects of smoked cannabis on patients with multiple sclerosis.  
(abst - 1997)  
DERMATITIS

Allergenic properties of naturally occurring cannabinoids. (abst - 1983)  

Hemp Seed Oil : The Wonder Oil For the New Millennium (full - 1999)  
http://www.ukcia.org/research/Happi/HempSeedOilTheWonderOilForTheNewMillennium.htm

DRIVING AND CANNABIS

Comparison of the Effects of Marijuana and Alcohol on Simulated Driving Performance  
(full - 1969)  

Simulated Flying Performance After Marihuana Intoxication. (abst – 1976)  

Marijuana effects on simulated flying ability. (abst – 1976)  

Abstracts of several studies (absts - 1982 - 1998)  
http://www.ukcia.org/research/medline/8.htm

The Incidence and Role of Drugs in Fatally Injured Drivers - DOT HS 808 065  
(full - 1992)  
http://science.iowamedicalmarijuana.org/pdfs/driving/doths808065.pdf

Marijuana And Actual Driving Performance  (full - 1993)  
http://science.iowamedicalmarijuana.org/pdfs/driving/doths808078.pdf

CANNABIS AND ROAD SAFETY: AN OUTLINE OF THE RESEARCH STUDIES TO EXAMINE THE EFFECTS OF CANNABIS ON DRIVING SKILLS AND ON ACTUAL DRIVING PERFORMANCE  (full - c.1995)  
http://www.ukcia.org/research/driving2.htm

Cannabis and driving  (abst - 1998)  
http://www.ukcia.org/research/driving4.html

Marijuana, Alcohol and Actual Driving Performance - DOT HS 808 939  
(full - 1999)  
http://science.iowamedicalmarijuana.org/pdfs/driving/doths808939.pdf

University Of Toronto Study Shows Marijuana Not A Factor In Driving Accidents  
(news - 1999)  
http://www.sciencedaily.com/releases/1999/03/990325110700.htm
**DRUG TESTING**

Legal and ethical aspects of drug testing.  (full - 1989)  
[http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1807765/?tool=pmcentrez&page=1](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1807765/?tool=pmcentrez&page=1)

Interference of Common Household Chemicals in Immunoassay Methods for Drugs of Abuse  (full - 1989)  


**DRUG TESTING - BLOOD**

Delta-9-tetrahydrocannabinol: Metabolism and Disposition in Long-term Marihuana Smokers.  (abst – 1971)  


Tetrahydrocannabinol stability in whole blood: plastic versus glass containers.  (abst – 1986)  

**DRUG TESTING - HAIR**

Testing human hair for cannabis  (abst - 1995)  


Are cannabinoids detected in hair after washing with Cannabio shampoo?  (abst - 1999)  
**DRUG TESTING - FINGERNAILS**

Nail analysis for drugs of abuse: extraction and determination of cannabis in fingernails by RIA and GC-MS. (full – 1999)  
[http://jat.oxfordjournals.org/content/23/3/147.long](http://jat.oxfordjournals.org/content/23/3/147.long)

**DRUG TESTING - URINE**

Delta-9-tetrahydrocannabinol: Metabolism and Disposition in Long-term Marihuana Smokers. (abst – 1971)  

Confirmation of the Presence of 11-Hydroxy-r 9-Tetrahydrocannabinol in the Urine of Marijuana Smokers (full - 1972)  

Detection of cannabis products in urine by radioimmunoassay. (full - 1975)  
[http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1673774/?tool=pmcentrez&page=1](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1673774/?tool=pmcentrez&page=1)

Homogeneous enzyme immunoassay for cannabinoids in urine. (full - 1978)  
[http://www.clinchem.org/cgi/reprint/24/1/95](http://www.clinchem.org/cgi/reprint/24/1/95)

Laboratory verification of “heavy” and “light” users of cannabis (abst - 1981)  

Persistence of Urinary Marijuana Levels After Supervised Abstinence. (abst – 1982)  

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EXERCISE and the ENDOCANNABINOID SYSTEM


FAMILIAL MEDITERRANEAN FEVER


FERTILITY/ SEXUAL FUNCTION


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**HU-210** synthetic, CB 1 & CB 2 agonist


**HU-211 / DEXANABINOL / ETS-2101** synthetic, CB 2 agonist


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**HUMAN ENDOCANNABINOID SYSTEM GENETICS**


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Dronabinol and prochlorperazine in combination for treatment of cancer chemotherapy-induced nausea and vomiting. (abst - 1991)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=28

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Marihuana smoking increases plasma cocaine levels and subjective reports of euphoria in male volunteers. (abst – 1994)  

Anandamide and delta 9-THC dilation of cerebral arterioles is blocked by indomethacin (abst - 1995)

Case report: adverse effects of taking tricyclic antidepressants and smoking marijuana.  (full - 1999)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2328650/?tool=pmcentrez&page=1

IQ/ MEMORY/ COGNITIVE EFFECTS

Marihuana and Memory: Acquisition or Retrieval?  (abst - 1971)
http://www.sciencemag.org/cgi/content/abstract/173/4001/1038?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT

The Report of the National Commission on Marihuana and Drug Abuse Acute Effects of Marihuana  (full – 1972)
http://www.druglibrary.org/schaffer/library/studies/nc/nc1e.htm

Neuropsychological effects of marijuana  (full - 1973)

Marihuana Use and Psychosocial Adaptation  (abst - 1974)
http://archpsyc.ama-assn.org/cgi/content/abstract/31/5/713?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT

Operant acquisition of marihuana in man.  (abst - 1976)
http://jpet.aspetjournals.org/content/198/1/42.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT

Cognition and Long-Term Use of Ganja (Cannabis)  (full - 1981)
http://www.druglibrary.org/schaffer/hemp/medical/cognition.htm

Operant acquisition of marihuana by women.  (abst - 1985)

Flashback Following Use of Cannabis--a Review  (abst – 1991)

THREE THINGS MARIJUANA DOESN'T DO  (news - 1992)
http://www.ukcia.org/research/mjfaq2.php


Cannabis use and cognitive decline in persons under 65 years of age (full - 1999) [http://www.ukcia.org/research/CannabisUseAndCognitiveDecline.html](http://www.ukcia.org/research/CannabisUseAndCognitiveDecline.html)


**KNOCK-OUT MICE** – examples of severely defective endocannabinoid systems.

Increased Mortality, Hypoactivity, and Hypoalgesia in Cannabinoid Cb1 Receptor Knockout Mice. (full – 1999) [http://www.pnas.org/content/96/10/5780.long](http://www.pnas.org/content/96/10/5780.long)


**LIVER DISEASE - NON HEPATITIS** - also see HEPATITIS


**LONG TERM USE EFFECTS**


LUNG FUNCTION


Bronchodilator effect of delta1-tetrahydrocannabinol. (full - 1978)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1429361/


Health care use by frequent marijuana smokers who do not smoke tobacco. (full - 1993)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1311782/?tool=pmcentrez

MALE SEXUAL FUNCTION

**MARINOL** - a synthetic THC - also see DRONABINOL

Cannabinoids (encyclopedia entry)  
http://www.chemie.de/lexikon/e/Cannabinoids/

**CANNABIS AND MARINOL IN THE TREATMENT OF MIGRAINE HEADACHE**  
(letter - undated)  
http://www.druglibrary.org/schaffer/hemp/migrn2.htm

Chronic Migraine Headache: five cases successfully treated with Marinol and/or illicit cannabis.  
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Abuse potential of dronabinol (Marinol).  
(abst – 1998)  

**MEIGE'S SYNDROME**

Treatment of Meige's syndrome with cannabidiol.  
(abst - 1984)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=114

Open label evaluation of cannabidiol in dystonic movement disorders.  
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A novel nonpsychotropic cannabinoid, HU-211, in the treatment of experimental pneumococcal meningitis.  
(full – 1996)  
http://jid.oxfordjournals.org/content/173/3/735.long

**MENOPAUSE**  also see AGING, GYNOCOLOGY

Post-Menopausal Hot Flashes by Anonymous  
(abst – undated)  
http://www.rxmarijuana.com/shared_comments/menopause.htm
Acute effects of marihuana on luteinizing hormone in menopausal women.  (abst – 1985)  

Effects of acute marijuana smoking in post-menopausal women.  (abst – 1986)  
http://www.ncbi.nlm.nih.gov/pubmed/3094054

**METHODS OF USE – CAPSULES**

Herbal Intoxication: Psychoactive Effects From Herbal Cigarettes, Tea, and Capsules  
(abst - 1976)  

**METHODS OF USE – EDIBLES – General use**

Plasma delta-9-tetrahydrocannabinol concentrations and clinical effects after oral and intravenous administration and smoking  
(abst - 1980)  
http://www.nature.com/clpt/journal/v28/n3/abs/clpt1980181a.html

Marijuana-Laced Brownies: Behavioral Effects, Physiologic Effects, and Urinalysis in Humans Following Ingestion  
(abst – 1988)  

Marijuana and chocolate.  
(abst - 1996)  

Cannabis Cookies: a Cause of Coma.  
(abst – 1996)  

Trick or treat from food endocannabinoids?  
(abst – 1998)  
http://www.nature.com/nature/journal/v396/n6712/abs/396636a0.html

**METHODS- EDIBLES- BEVERAGES**

How to Brew Marijuana Tea  
(news – undated)  
http://www.mahalo.com/how-to-brew-marijuana-tea/

How to Make Hemp Milk  
(article – undated)  
http://www.ehow.com/how_5609776_make-hemp-milk.html


**METHODS – EDIBLES - FOODS**


The Stoner's Cookbook (undated) http://www.thestonerscookbook.com/

Recipes from "Onlinapot" (undated) http://www.onlinepot.org/recipes.htm

Hemp Seed Recipes (collection- undated) http://manitobaharvest.com/recipes.html

How To Make Canna Oil (news - undated) http://www.medicalmarijuanami.com/how-to-make-cannaoil.htm

How To Make Cannabutter (news - undated) http://www.medicalmarijuanami.com/how-to-make-cannabutter.htm


**METHODS OF USE - INJECTION - DO NOT TRY!**

Collapse after intravenous injection of hashish. (full - 1968) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1986226/?tool=pmcentrez&page=1


The toxicity of intravenously used marihuana. (abst - 1975)  

Emotional response to intravenous delta9tetrahydrocannabinol during oral surgery.  

Adverse Effects of Intravenous Cannabis Tea (full - 1977)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2536936/

Plasma delta-9-tetrahydrocannabinol concentrations and clinical effects after oral and intravenous administration and smoking  (abst - 1980)  
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Intravenous marijuana syndrome. (full - 1986)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1306836/?tool=pmcentrez&page=1

**METHODS OF USE - SMOKING** also see- SMOKED CANNABIS AS MEDICINE

Tokepure (news – undated) http://ukcia.org/activism/tokepure.php

How to Smoke Cannabis (news – undated)  
http://ukcia.org/culture/smoking.php

Rolling a Joint - Basic joint rolling tips  (article – undated)  
http://www.weedfarmer.com/joint_rolling/rolling/rolling.htm

Smoking Cannabis  (news - undated)  
http://www.ukcia.org/culture/smoking.php#knife

{delta}9-Transtetrahydrocannabinol and Natural Marihuana  (abst - 1973)  
http://archpsyc.ama-assn.org/cgi/content/abstract/28/2/278?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT

Effects of Marihuana on Man: Committee on Drugs  (full - 1975)  

Physical assessment of 30 chronic cannabis users and 30 matched controls.  
(abst – 1976)  

Herbal Intoxication: Psychoactive Effects From Herbal Cigarettes, Tea, and Capsules  
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Plasma delta-9-tetrahydrocannabinol concentrations and clinical effects after oral and intravenous administration and smoking  (abst - 1980)
http://www.nature.com/clpt/journal/v28/n3/abs/clpt1980181a.html

Effect of Alcohol and Marihuana on Tobacco Smoking.  (abst – 1980)

The seed and the soil: effect of dosage, personality and starting state on the response to delta 9 tetrahydrocannabinol in man.  (full – 1981)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1401962/?tool=pubmed

The clinical pharmacology and dynamics of marihuana cigarette smoking  (abst - 1981)
http://jcp.sagepub.com/cgi/content/abstract/21/8_suppl/201S?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT

Comparison of effects of marihuana cigarettes of three different potencies  (full - 1982)  http://www.nature.com/clpt/journal/v31/n5/pdf/clpt198286a.pdf


Breathhold duration and response to marijuana smoke.  (abst - 1989)


Response to marijuana as a function of potency and breathhold duration  (abst - 1991)


Marijuana smoking: effect of varying delta 9-tetrahydrocannabinol content and number of puffs.  (abst - 1992)
http://jpet.aspetjournals.org/content/261/1/114.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=480&resourcetype=HWCIT

Effects of water filtration on marijuana smoke: a literature review  (full - 1993)
Effects of delta 9-THC on marijuana smoking, dose choice, and verbal report of drug liking. (full - 1994)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1334408/?tool=pubmed

Marijuana smoking: effects of varying puff volume and breathhold duration.  
(abst - 1995)  

Effects of Varying Marijuana Potency on Deposition of Tar and D 9 -THC in the Lung During Smoking  
(full - 1997)  

METHODS OF USE – SUPPOSITORY USE

Rectal bioavailability of delta-9-tetrahydrocannabinol from various esters. (abst – 1991)  

Rectal bioavailability of delta-9-tetrahydrocannabinol from the hemisuccinate ester in monkeys. (abst – 1991)  

Bypassing the first-pass effect for the therapeutic use of cannabinoids. (abst –1993)  

US Patent 5389375 - Stable suppository formulations effecting bioavailability of D9 -thc  
(full - 1995)  
http://www.patentstorm.us/patents/5389375/fulltext.html

US Patent 5508037 - Stable suppository formulations effecting bioavailability of D9 -THC  
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The effect of orally and rectally administered delta-9-tetrahydrocannabinol on spasticity: a pilot study with 2 patients. (abst - 1996)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=12

METHODS OF USE - TINCTURES

Tinctures - by Dr. Jay R. Cavanaugh, Ph.D. (undated)  
http://www.letfreedomgrow.com/recipes/tincture.htm


METHODS OF USE - VAPORIZERS

ACCESSING 0.5 to 2.0 GRAMS CBD FRACTIONATING THE PHYTOCANNABINOIDS BY THEIR VAPORIZATION POINTS (article - undated) http://forum.grasscity.com/medical-marijuana/610429-need-cbd.html

How to Smoke Cannabis (news – undated) http://ukcia.org/culture/smoking.php


METHODS OF USE - VARIOUS

Tokepure (news –undated) http://ukcia.org/activism/tokepure.php


MIGRAINE/HEADACHE

CANNABIS AND MARINOL IN THE TREATMENT OF MIGRAINE HEADACHE (abst - undated) http://www.druglibrary.org/schaffer/hemp/migrn2.htm
MIGRAINE ASSOCIATED WITH MENSTRUATION (article - 1942) (on 3rd page)

Cannabinoids block release of serotonin from platelets induced by plasma from migraine patients (full - 1985) http://www.druglibrary.org/schaffer/hemp/medical/cannabin1.htm

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MISCELLANEOUS STUFF


Retrieving impacted cannabis resin with ear drops. (full - 1987) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1492799/?tool=pubmed
UV-B radiation effects on photosynthesis, growth and cannabinoid production of two Cannabis sativa chemotypes  (abst – 1987)  

Stability of Cannabinoids in Dried Samples of Cannabis Dating from Around 1896-1905. (abst – 1990)  

The Intangible Rewards from Crime: The Case of Domestic Marijuana Cultivation  
(abst - 1991)  
http://cad.sagepub.com/content/37/4/506.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=1840&resourcetype=HWCIT

Flashback Following Use of Cannabis--a Review  (abst – 1991)  

Preference for High- Versus Low-potency Marijuana.  (abst – 1994)  

Immunochemical localization of tetrahydrocannabinol (THC) in cryofixed glandular trichomes of Cannabis (Cannabaceae)  (full – 1997)  
http://www.amjbot.org/content/84/3/336.full.pdf+html

Hemp Oil Fuels & How to Make Them  (article – 1997)  

Feasibility of Industrial Hemp Production in the United States Pacific Northwest  
(full – 1998)  
http://extension.oregonstate.edu/catalog/html/sb/sb681/

Providing medical marijuana: the importance of cannabis clubs.  (abst – 1998)  

http://www.fsijournal.org/article/S0379-0738%2899%2900204-2/abstract

Have I got brews for you... Hemp beer's here to stay.  (news – 1998)  
http://www.thefreeliibrary.com/Have+I+got+brews+for+you...+Hemp+beer%27s+here+to+stay.-a060746769

Thujone exhibits low affinity for cannabinoid receptors but fails to evoke cannabimimetic responses.  (abst – 1999)  

**MORTALITY RATES**

Annual Causes of Death in America  (news - undated)
INTERACTIONS OF Δ1-TETRAHYDROCANNABINOL WITH BARBITURATES AND METHAMPHETAMINE  
http://jpet.aspetjournals.org/content/173/1/94.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=2560&resourcetype=HWCIT

The Report of the National Commission on Marihuana and Drug Abuse
Acute Effects of Marihuana  
(full – 1972)
http://www.druglibrary.org/schaffer/library/studies/nc/nc1e.htm

Spectrophotometric evaluation of carboxyhemoglobin in blood of mice after exposure to marijuana or tobacco smoke in a modified Walton horizontal smoke exposure machine.  
(abst - 1987)  

Known drug-related deaths in the UK, 1990  
(list - 1990)

Marijuana use and mortality.  
(full - 1997)

Mortality Within the First 2 Years in Infants Exposed to Cocaine, Opiate, or Cannabinoid During Gestation  
(abst - 1997)
http://pediatrics.aappublications.org/cgi/content/abstract/100/1/79?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=640&resourcetype=HWCIT

Regular Marijuana Users Have No Higher Rates of Mortality, Long-Term Study Concludes  
(news – 1997)

MRSA/ METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS

Topical MRSA Cure  
(news/anecdotal – undated)
http://cannabismrsacure.letstalkaboutpot.com/topical-marijuana-mrsa-cure/

HEMP AS A MEDICAMENT : Methods and results of the bacteriological experiments  
(full - 1955)
http://www.bushka.cz/KabelikEN/methods.html

Antibacterial preparation from hemp (Cannabis sativa)  
(abst - 1958)
http://chemport.cas.org/cgi-bin/sdcgi?APP=fitslink&action=reflink&origin=ACS&version=1.0&coi=1%3ACAS%3A528%3ADyaG1cXpvViug%253D%253D&md5=36fcabac61432cf5e852c26c9bba3cd1
Hemp (Cannabis sativa)-an antibiotic drug. II. Methods and results of bacteriological investigations and preliminary clinical experiences  (abst - 1958)

MULTIPLE SCLEROSIS/ MS

The use of cannabinoids in MS: is it evidence based?  (abst - undated)
http://www.ukcia.org/research/UseOfCannabinoidsInMSEvidenceBased.pdf

Marihuana as a therapeutic agent for muscle spasm or spasticity  (abst - 1980)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=53

Tetrahydrocannabinol for tremor in multiple sclerosis.  (abst - 1983)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=9

Delta-9-THC in the treatment of spasticity associated with retinopathy.  (abst - 1987)
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Effect of cannabinoids on spasticity and ataxia in multiple sclerosis.  (abst - 1989)
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http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=11

The effect of orally and rectally administered delta-9-tetrahydrocannabinol on spasticity: a pilot study with 2 patients.  (abst - 1996)
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The perceived effects of smoked cannabis on patients with multiple sclerosis.  (abst - 1997)

Cannabis and cannabinoids: pharmacology and rationale for clinical use  (abst – 1999)

Analgesic effect of the cannabinoid analogue nabilone is not mediated by opioid receptors.  (abst - 1999)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=203
MUSCULAR DYSTROPHY/ MD

Muscular dystrophy in mice after chronic subcutaneous treatment with cannabinoids. (abst - 1977)
http://www.unboundmedicine.com/medline/ebm/record/903049/abstract/Muscular_dystrophy_in_mice_after_chronic_subcutaneous_treatment_with_cannabinoids

NABILONE / CESAMET - a synthetic THC, CB 1 & CB 2 agonist

GENERATION: NABILONE - ORAL (NAB-ih-lone)
Brand Names : Cesamet (monograph - undated)
http://www.medicinenet.com/nabilone-oral/article.htm

Microbiological transformations of nabilone, a synthetic cannabinoid. (full - 1979)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC243333/?tool=pmcentrez&page=1

Superiority of nabilone over prochlorperazine as an antiemetic in patients receiving cancer chemotherapy. (abst - 1979)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=126

Cannabinoids. II. Cardiovascular Effects (full - 1980)
http://jpet.aspetjournals.org/content/214/1/131.full.pdf+html?ijkey=e751d405c4b7e494e235b602119e4f9b8c62c04d&keytype2=tf_ipsecsha

Double-blind comparison of the antiemetic effects of nabilone and prochlorperazine on chemotherapy-induced emesis. (abst - 1980)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=131

The efficacy and safety of nabilone (a synthetic cannabinoid) in the treatment of anxiety (abst - 1981)
http://jcp.sagepub.com/cgi/content/abstract/21/8_suppl/377S?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=240&resourcetype=HWCIT

A double-blind, controlled trial of nabilone vs. prochlorperazine for refractory emesis induced by cancer chemotherapy. (abst - 1982)
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A multi-institutional Phase III study of nabilone vs. placebo in chemotherapy-induced nausea and vomiting. (abst - 1982)
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Anti-emetic efficacy and toxicity of nabilone, a synthetic cannabinoid, in lung cancer chemotherapy. (full - 1983)
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Effect of nabilone on nausea and vomiting after total abdominal hysterectomy  

Effect of nabilone on nausea and vomiting  
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http://bja.oxfordjournals.org/cgi/reprint/74/1/111?maxtoshow=&hits=80&RESULTFORMAT=1&andorexacttitle=and&andorexacttitleabs=and&fulltext=cannabinoid&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT

(abst - 1995)  
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The effects of the cannabinoid receptor agonist nabilone on L-DOPA induced dyskinesia in patients with idiopathic Parkinson's disease (PD).  
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Analgesic effect of the cannabinoid analogue nabilone is not mediated by opioid receptors.  
(excerpt - 1999)  
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Cannabis and cannabinoids: pharmacology and rationale for clinical use  
(abort – 1999)  

NAUSEA  - also see MORNING SICKNESS, MOTION SICKNESS, RADIATION-INDUCED NAUSEA

Antiemetic effect of delta-9-tetrahydrocannabinol in patients receiving cancer chemotherapy.  
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Delta-9-Tetrahydrocannabinol as an Antiemetic in Cancer Patients Receiving High-Dose Methotrexate  
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Delta-9-tetrahydrocannabinol (THC) as an antiemetic in patients treated with cancer chemotherapy; a double-blind cross-over trial against placebo  
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http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=27

Amelioration of cancer chemotherapy-induced nausea and vomiting by delta-9-tetrahydrocannabinol.  
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Comparative trial of the antiemetic effects of THC and haloperidol (abst - 1981) [http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=64]

A double-blind, controlled trial of nabilone vs. prochlorperazine for refractory emesis induced by cancer chemotherapy. (abst - 1982) [http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=146]


Anti-emetic efficacy and toxicity of nabilone, a synthetic cannabinoid, in lung cancer chemotherapy. (full - 1983)  
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Levonantradol: a synthetic cannabinoid in the treatment of severe chemotherapy-induced nausea and vomiting resistant to conventional anti-emetic therapy. (abst – 1983)  

THC or Compazine for the cancer chemotherapy patient--the UCLA study. Part II: Patient drug preference. (abst - 1985)  
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Antiemetic efficacy of levonantradol compared to delta-9-tetrahydrocannabinol for chemotherapy-induced nausea and vomiting. (abst – 1985)  

Nabilone and metoclopramide in the treatment of nausea and vomiting due to cisplatinum: a double blind study. (abst - 1986)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=121

Nabilone: an alternative antiemetic for cancer chemotherapy. (abst - 1986)  
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Crossover comparison of the antiemetic efficacy of nabilone and alizapride in patients with nonseminomatous testicular cancer receiving cisplatin therapy. (abst - 1986)  
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Prospective randomized double-blind trial of nabilone versus domperidone in the treatment of cytotoxic-induced emesis. (abst - 1986)  
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A double-blind randomised cross-over comparison of nabilone and metoclopramide in the control of radiation-induced nausea. (abst - 1987)  
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Oral vs. Inhaled Cannabinoids for Nausea/Vomiting from Cancer Chemotherapy (full - 1988)  
http://www.druglibrary.org/schaffer/hemp/medical/pierson.html

Efficacy of tetrahydrocannabinol in patients refractory to standard anti-emetic therapy (abst - 1988)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=31


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**R(+)–METHANANANDAMIDE** – synthetic, anandamide analog


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Long-term cannabis use: characteristics of users in an Australian rural area.

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The perceived effects of marijuana on spinal cord injured males. (abst - 1974)

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Cannabis and cannabinoids: pharmacology and rationale for clinical use  (abst – 1999)

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**TASTE** - also see APPETITE STIMULANT

SR 141716, a CB1 cannabinoid receptor antagonist, selectively reduces sweet food intake in marmoset. (abst – 1998)  

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**TAXONOMY/ GENETICS OF CANNABIS**

Cannabinoid Phenotypes in Cannabis sativa (abst - 1973)  
[http://www.nature.com/nature/journal/v245/n5421/abs/245147a0.html](http://www.nature.com/nature/journal/v245/n5421/abs/245147a0.html)

Cannabinoid patterns in seedlings of Cannabis sativa L. and their use in the determination of chemical race. (abst – 1977)  

Cannabinoid level in the leaves as a tool for the early discrimination of cannabis chemiovariants (abst - 1984)  
[http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TH7-42WPSNF-37&_fmt=high&_coverDate=01%2F31%2F1984&_rdoc=1&_orig=article&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=26ab3ca7038df6b314c88d4b81f04bd](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TH7-42WPSNF-37&_fmt=high&_coverDate=01%2F31%2F1984&_rdoc=1&_orig=article&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=26ab3ca7038df6b314c88d4b81f04bd)

Identification of a New Chemotype in Cannabis sativa: Cannabigerol - Dominant Plants, Biogenetic and Agronomic Prospects (abst – 1987)  

Histochemical detection of hemp trichomes and their correlation with the THC content. (abst - 1988)  


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**TEA AS MEDICINE**

How to Brew Marijuana Tea (news – undated)

TEETH /DENTISTRY


TERPINOIDS/ TERPENES, helps cannabinoids work better, also see Beta Carophyllene

THC (TETRAHYDROCANNABINOL) ACCUMULATION IN GLANDS OF CANNABIS (CANNABACEAE)  (full – undated)  http://www.hempreport.com/issues/17/malbody17.html


THC/ TETRAHYDROCANNABINOL  CB1 & 2 agonist

Phytocannabinoids  (news – undated)  http://www.news-medical.net/health/Phytocannabinoids.aspx

Tetrahydrocannabinol- an interview with Akshat Rathi  (transcript - undated)  http://www.rsc.org/chemistryworld/podcast/CIIEcompounds/transcripts/THC.asp
STUDIES ON THE PHARMACOLOGY AND ACUTE TOXICITY OF COMPOUNDS WITH MARIHUANA ACTIVITY (abst - 1946)
http://jpet.aspetjournals.org/content/88/2/154.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT

Isolation, Structure, and Partial Synthesis of an Active Constituent of Hashish (1st page - 1964) http://pubs.acs.org/doi/abs/10.1021/ja01062a046


Activity of Dgr8-and Dgr9-Tetrahydrocannabinol and Related Compounds in the Mouse (abst - 1971) http://www.sciencemag.org/cgi/content/abstract/172/3979/165?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=2240&resourcetype=HWCIT

A metabolic interaction in vivo between cannabidiol and Δ1-tetrahydrocannabinol (full - 1972) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1666148/?tool=pubmed


Effect of Biogenic Amines and Cannabinoids on Bacterial Chemotaxis (full - 1973) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC246374/?page=1


A pilot study of orally administered Δ1-trans-tetrahydrocannabinol in the management of patients undergoing radiotherapy for carcinoma of the bronchus (full - 1974) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1402430/?tool=pmcentrez&page=1


Intravenous delta9-Tetrahydrocannabinol: Effects of ventilatory control and cardiovascular dynamics. (full - 1975)

Effects of smoked marijuana in experimentally induced asthma. (abst - 1975) http://www.cannabin-med.org/studies/ww_en_db_study_show.php?s_id=57


The analgesic properties of delta-9-tetrahydrocannabinol and codeine. (abst - 1975) http://www.cannabin-med.org/studies/ww_en_db_study_show.php?s_id=17


Absence of interaction between delta9-tetrahydrocannabinol (delta-THC) and cannabidiol (CBD) in aggression, muscle control and body temperature experiments in mice. (abst – 1975) http://www.ncbi.nlm.nih.gov/pubmed/1171491

Bronchodilator effect of delta1-tetrahydrocannabinol administered by aerosol of asthmatic patients. (full - 1976) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC470501/?tool=pubmed


Delta-9-Tetrahydrocannabinol as an Antiemetic in Cancer Patients Receiving High-Dose Methotrexate (full - 1979) http://www.ukcia.org/research/AntiemeticForMethotrexate.php

Plasma delta-9-tetrahydrocannabinol concentrations and clinical effects after oral and intravenous administration and smoking  (abst - 1980) http://www.nature.com/clpt/journal/v28/n3/abs/clpt1980181a.html


Sedative activity of cannabis in relation to its delta'-trans-tetrahydrocannabinol and cannabidiol content.  (full - 1981) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2071638/?tool=pmcentrez

Activity of cannabis in relation to its delta'-trans-tetrahydrocannabinol content.  (full - 1981) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2071597/?tool=pmcentrez&page=1


Comparison of effects of marihuana cigarettes of three different potencies  (full - 1982) http://www.nature.com/clpt/journal/v31/n5/pdf/clpt198286a.pdf

Ocular Effects of Topical Administration of {Delta}9-Tetrahydrocannabinol in Man  (link to PDF - 1982) http://archopht.ama-assn.org/cgi/reprint/100/2/265?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=2960&resourcetype=HWCIT


Allergenic properties of naturally occurring cannabinoids. (abst - 1983)  

Acute Effects of Natural and Synthetic Cannabis Compounds on Prolactin Levels in Human Males. (abst – 1984)  

Intraocular pressure, ocular toxicity and neurotoxicity after administration of delta 9-tetrahydrocannabinol or cannabichromene. (abst – 1984)  

Ocular hypotension, ocular toxicity, and neurotoxicity in response to marihuana extract and cannabidiol. (abst – 1984)  

Inhibition of neuroblastoma adenylate cyclase by cannabinoid and nantradol compounds (abst – 1984)  

The quasi-morphine withdrawal syndrome: effect of cannabinol, cannabidiol and tetrahydrocannabinol. (abst - 1985)  

Antiemetic efficacy of levonantradol compared to delta-9-tetrahydrocannabinol for chemotherapy-induced nausea and vomiting. (abst – 1985)  

The effect of delta-9-THC on human spasticity. (abst - 1986)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=154

UV-B radiation effects on photosynthesis, growth and cannabinoid production of two Cannabis sativa chemotypes (abst – 1987)  

Oral vs. Inhaled Cannabinoids for Nausea/Vomiting from Cancer Chemotherapy (full - 1988)  
http://www.druglibrary.org/schaffer/hemp/medical/pierson.html

The inhibitory effects of cannabinoids, the active constituents of Cannabis sativa L. on human and rabbit platelet aggregation. (abst - 1989)  

Marijuana Smoking: Factors That Influence the Bioavailability of Tetrahydrocannabinol (full - 1990)  

A comparison of the ocular and central effects of delta 9-tetrahydrocannabinol and cannabigerol. (abst - 1990)  
Delta-9-tetrahydrocannabinol shows antispastic and analgesic effects in a single case double-blind trial.  (abst - 1990)  
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Effects of delta 9-THC on marijuana smoking, dose choice, and verbal report of drug liking.  (full - 1994)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1334408/?tool=pubmed

Interactions between delta 9-tetrahydrocannabinol and kappa opioids in mice.  (abst - 1994)  
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Anandamide and delta 9-THC dilatation of cerebral arterioles is blocked by indomethacin (abst - 1995)  
http://ajpheart.physiology.org/cgi/content/abstract/269/6/H1859?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=2320&resourcetype=HWCIT


The effect of orally and rectally administered delta-9-tetrahydrocannabinol on spasticity: a pilot study with 2 patients.  (abst - 1996)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=12

Toxicity and Carcinogenicity of {Delta}9-Tetrahydrocannabinol in Fischer Rats and B6C3F1 Mice  (abst - 1996)
Genetic differences in delta 9-tetrahydrocannabinol-induced facilitation of brain stimulation reward as measured by a rate-frequency curve-shift electrical brain stimulation paradigm in three different rat strains. (abst – 1996) 

Immunochemical localization of tetrahydrocannabinol (THC) in cryofixed glandular trichomes of Cannabis (Cannabaceae) (full – 1997) 
http://www.amjbot.org/content/84/3/336.full.pdf+html


Cannabidiol and (−)Δ9-tetrahydrocannabinol are neuroprotective antioxidants (full - 1998)  

Cerebellar activity and disturbed time sense after THC.  (abst - 1998)  

Treatment of Tourette's Syndrome With Delta-9-Tetrahydrocannabinol  (letter - 1999)  
http://ajp.psychiatryonline.org/cgi/content/full/156/3/495

Cannabis and cannabinoids: pharmacology and rationale for clinical use  (abst – 1999)  

Cannabis: Discrimination of "Internal Bliss"?  (abst – 1999)  

**THC-HS/TETRAHYDROCANNABINOL-HEMISUCCINATE**

http://www.patentstorm.us/patents/5389375/fulltext.html

http://www.patentstorm.us/patents/5508037/fulltext.html

The effect of orally and rectally administered delta-9-tetrahydrocannabinol on spasticity: a pilot study with 2 patients.  (abst - 1996)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=12
**THCV/ Tetrahydrocannabivarin** phytoannabinoid, CB1 & CB2 antagonist

Phytocannabinoids  (news – undated)
http://www.news-medical.net/health/Phytocannabinoids.aspx

Cannabivarin and Tetrahydrocannabivarin, Two New Constituents of Hashish
(abst - 1971)  http://www.nature.com/nature/journal/v232/n5312/abs/232579a0.html

**TIME PERCEPTION**

Cannabis, atropine, and temporal information processing.  (abst - 1984)

Cerebellar activity and disturbed time sense after THC.  (abst – 1998)

**TOBACCO VS CANNABIS**

Tokepure  (news –undated)  http://ukcia.org/activism/tokepure.php

So, you thought it was the tar that caused cancer...  (news - undated)
http://www.ukcia.org/research/cancer2.php

Effect of Alcohol and Marihuana on Tobacco Smoking.  (abst – 1980)

Spectrophotometric evaluation of carboxyhemoglobin in blood of mice after exposure to marijuana or tobacco smoke in a modified Walton horizontal smoke exposure machine.

Marijuana v.s. Tobacco smoke compositions  (list - 1988)
http://www.ukcia.org/research/smoke-contents.php

Tobacco and marijuana use on offspring growth from birth through 3 years of age.
(abst - 1992)
Marijuana Less Harmful to Lungs than Cigarettes  (news - 1994)
http://www.ukcia.org/research/lungs.php

Prenatal tobacco and marijuana use among adolescents: effects on offspring gestational age, growth, and morphology.  (abst – 1995)

High anxieties - What the WHO doesn't want you to know about cannabis
(news - 1998)  (may need registration)

TOLERANCE

Lack of tolerance to 9-tetrahydrocannabinol in chimpanzees  (abst - 1973)

Long-Term Use of Marihuana and the Development of Tolerance or Sensitivity to [Delta]9Tetrahydrocannabinol  (abst - 1974)
http://archpsyc.ama-assn.org/cgi/content/abstract/31/1/89?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoi

Cross-tolerance between delta-9-tetrahydrocannabinol and the cannabimimetic agents, CP 55,940, WIN 55,212-2 and anandamide.  (full - 1993)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2175863/?tool=pmcentrez&page=1

TOURETTE'S SYNDROME

MARIJUANA AND TOURETTE'S SYNDROME  (letter - 1988)
http://www.druglibrary.org/schaffer/hemp/medical/mjtouret.htm

Nicotine and cannabinoids as adjuncts to neuroleptics in the treatment of Tourette syndrome and other motor disorders.  (abst – 1989)

Effective treatment of Tourette’s syndrome with marijuana.  (abst - 1993)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=255&&search_pattern=INTERACTION
Gilles de la Tourette syndrome, influence of nicotine, alcohol, and marijuana on the clinical symptoms (abst - 1997)  

Cannabinoids: possible role in patho-physiology and therapy of Gilles de la Tourette syndrome. (abst - 1998)  
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Cannabis in movement disorders. (abst - 1999)  

Treatment of Tourette's Syndrome With Delta-9-Tetrahydrocannabinol (letter - 1999)  
http://ajp.psychiatryonline.org/cgi/content/full/156/3/495

Science: THC in TOURETTE-Syndrome (news - 1999)  
http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=58&search_pattern=tourette#1

**TUBERCULOSIS**

HEMP AS A MEDICAMENT: Importance of hemp seeds in the tuberculosis therapy (Forum thread- full - 1955) (EDEZYME recipe)  
http://www.bushka.cz/KabelikEN/hempseed.html

**VETERINARY USE/ANIMALS**

THE RELATIVE ACTIVITY OF VARIOUS PURIFIED PRODUCTS OBTAINED FROM AMERICAN GROWN HASHISH (abst - 1938)  
http://jpet.aspetjournals.org/content/62/2/239.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=640&resourcetype=HWCIT

Epileptiform seizures in domestic fowl. V. The anticonvulsant activity of delta9-tetrahydrocannabinol. (abst – 1975)  

Disposition and bioavailability of various formulations of tetrahydrocannabinol in the rhesus monkey. (abst – 1985)  

A species comparison of the toxicity of nabilone, a new synthetic cannabinoid. (abst – 1987)  

Pharmacokinetics of cannabidiol in dogs.  (abst - 1988)  
http://dmd.aspetjournals.org/content/16/3/469.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=800&resourcetype=HWCIT


VISION- also see GLAUCOMA

CONJUGATE DEVIATION OF THE EYES AFTER Cannabis indica INTOXICATION*  (full - 1964)  


Physiologic observations in a controlled clinical trial of the antiemetic effectiveness of 5, 10, and 15 mg of delta 9-tetrahydrocannabinol in cancer chemotherapy. Ophthalmologic implications.  (abst - 1981)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=88

Ocular Effects of Topical Administration of {Delta}9-Tetrahydrocannabinol in Man  (full - 1982)  
http://archopht.ama-assn.org/cgi/reprint/100/2/265?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=2960&resourcetype=HWCIT

Mydriasis induced by tetrahydrocannabinol (THC) in rats  (full - 1982)
Intraocular pressure, ocular toxicity and neurotoxicity after administration of delta 9-tetrahydrocannabinol or cannabichromene. (abst – 1984)


Persistent visual changes following hashish consumption. (full - 1993)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC513962/?page=1


Smoking dope restored my sight (news/anecdotal - 1998)
http://news.bbc.co.uk/2/hi/health/212301.stm


Links found between marijuana and vision (news – 1999)

Cannabinoids’ Role In Retinal Function Described (news - 1999)
http://www.sciencedaily.com/releases/1999/12/991208061213.htm

WIN 55,212-2 - a synthetic cannabinoid, CB1 agonist


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Cannabinoid Receptor Agonists Protect Cultured Rat Hippocampal Neurons from Excitotoxicity  (full - 1998)  http://molpharm.aspetjournals.org/content/54/3/459.full


Cannabinoids and Neuroprotection in Global and Focal Cerebral Ischemia and in Neuronal Cultures  (full - 1999)  http://www.jneurosci.org/cgi/content/full/19/8/2987?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT


WITHDRAWAL SYNDROME


