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**AM-281** - synthetic, CB1 antagonist and inverse agonist


**AM-630** – synthetic, CB2 antagonist

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Psychoactive Cannabinoids Reduce Gastrointestinal Propulsion and Motility in Rodents (abst - 1989)  

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Effects of frequent marijuana use on brain tissue volume and composition (abst – 1999)  
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**BRAIN TRAUMA**


**BREASTFEEDING/ LACTATION/ INFANT APPETITE**


**CANCER - BREAST**

CANCER - GASTRIC

Intractable nausea and vomiting due to gastrointestinal mucosal metastases relieved by tetrahydrocannabinol (dronabinol). (abst - 1997)

CANCER – GLIOMA/ BRAIN CANCERS


CANCER - LEUKEMIA


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**CANCER - LYMPHOMA**


**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**


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

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**CANCER - PROSTATE**


**CANCER - RISK CANNABIS VS TOBACCO**

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Why Doesn't Smoking Marijuana Cause Cancer? (news - 1999)  
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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)  
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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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Efficacy of tetrahydrocannabinol in patients refractory to standard anti-emetic therapy  (abst - 1988)  
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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

NTP Technical Report on the Toxicology and Carcinogenesis Studies of 1-Trans-Delta9-Tetrahyrdocannabinol (CAS No. 1972-08-3) in F344/N Rats and B6C3F1 Mice (Gavage Studies)  (full - 1996)  
http://www.druglibrary.org/Schaffer/hemp/Trans-Delta%20Report.pdf

Toxicity and Carcinogenicity of [Delta]9-Tetrahydrocannabinol in Fischer Rats and B6C3F1 Mice  (full - 1996)  
http://toxsci.oxfordjournals.org/content/30/1/109.full.pdf+html

Study: THC Not Cancer-Causing  (news - 1997)  
http://www.ukcia.org/research/cancer.php

CANNABINOIDS IN OTHER PLANTS

**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

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

Allergic 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
http://www.freepatentsonline.com/4837228.html

In vitro metabolism of cannabichromene in seven common laboratory animals.  (abst – 1990)  
CBD/ CANNABIDIOL  phytocannabinoids, 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


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


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)


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

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)

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

Action of cannabidiol on the anxiety and other effects produced by delta 9-THC in normal subjects. (abst – 1982)

Allergenic properties of naturally occurring cannabinoids. (abst - 1983)
Ocular Hypotension, Ocular Toxicity, and Neurotoxicity in Response to Marihuana 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/~warming/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)  http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=20965&tool=pmcentrez

Marijuana chemical tapped to fight strokes ?  (news - 1998)
http://www.thefreelibrary.com/Marijuana+chemical+tapped+to+fight+strokes.-a020973037

Cannabinoid Antioxidant Protects Brain Cells -- Without the High  (news – 1998)
CBDA/ CANNABIDIOLIC ACID - phytocannabinoids, 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)
http://www.jbc.org/content/271/29/17411.long

CBG/ CANNABIGEROL - phytocannabinoid, CB2 agonist

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

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


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)


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=&hits=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. (abst – 1997)  

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.long

Cardiovascular actions of cannabinoids and their generation during shock. (abst – 1998)  

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


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

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


CBR - GPR55/ CB3 CANNABINOID RECEPTOR
Activated by l-α-lyosphosphatidylinositol (LPI), and to a lesser extent possibly by THC, CBD,0-1602, 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)
http://www.onlinepot.org/medical/Dr_Tods_PDFs/s5_6.pdf

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)


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

Cannabinoid composition and gland distribution in clone of Cannabis sativa L. (Cannabaceae) (full – 1978)


An investigation of procedures reported to increase potency of marijuana: a chemical analysis and psychological interpretation. (abst – 1978)


Interrelationships of glandular trichomes and cannabinoid content II. Developing vegetative leaves of Cannabis sativa L. (Cannabaceae) (full - 1981)

Chemataxonomic researches in higher plants. XV Carotenoid and chlorophyll pigments in the leaves of Cannabis sativa L. (link to PDF - 1981)
Constituents of Cannabis sativa L., XX: the cannabinoid content of Mexican variants grown in Mexico and in Mississippi, United States of America (full - 1982)


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


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

Characterization of the lipophilicity of natural and synthetic analogs of delta 9-tetrahydrocannabinol and its relationship to pharmacological potency. (abst - 1990)
http://jpet.aspetjournals.org/content/255/2/624.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=240&resourcectype=HWCIT


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
Essential Oil of Cannabis sativa L. Strains  (full – 1997)  
http://www.cannabis-science.com/papers/essentialoilsativa.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

Capillary electrochromatography of cannabinoids.  (abst – 1998)  

Medical Cannabis Potency Testing Project  (full - 1999)  

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

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**CHEMOTHERAPY**

Antiemetic effect of delta-9-tetrahydrocannabinol in patients receiving cancer chemotherapy.  (abst - 1975)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=4

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)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_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?s_id=6
The antiemetic activity of tetrahydrocanabinol versus metoclopramide and thiethylperazine in patients undergoing cancer chemotherapy. (abst - 1980)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=24

Antiemetics in patients receiving chemotherapy for cancer: a randomized comparison of delta-9-tetrahydrocannabinol and prochlorperazine. (abst - 1980)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=3

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

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

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?s_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?s_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

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

A randomized trial of oral nabilone and prochlorperazine compared to intravenous metoclopramide and dexamethasone in the treatment of nausea and vomiting induced by chemotherapy regimens containing cisplatin or cisplatin analogues.  (abst – 1988)  

Marijuana as antiemetic medicine: A Survey of Oncologists' Experiences and Attitudes  (full - 1991)  
http://www.maps.org/docs/doblin-mt.html

Dronabinol and prochlorperazine in combination for treatment of cancer chemotherapy-induced nausea and vomiting.  (abst - 1991)  

An efficient new cannabinoid antiemetic in pediatric oncology  (full - 1995)  
http://www.druglibrary.org/olsen/hemp/ihai/ihaf02210.html
CHILDREN/ YOUNG ADULTS

Nutrition for Moms-to-be!  (article - undated)

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

Survey of adolescent drug use. I. Sex and grade distribution.  (full – 1971)


Nabilone: an alternative antiemetic for cancer chemotherapy.  (abst - 1986)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=123

Nabilone versus prochlorperazine for control of cancer chemotherapy-induced emesis in children  (abst - 1987)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=120

Marijuana Use in Pregnancy and Pregnancy Outcome.  (abst – 1990)


Prenatal marijuana use and neonatal outcome.  (abst – 1991)

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


Prenatal exposure to marihuana and tobacco during infancy, early and middle childhood: effects and an attempt at synthesis.  (abst – 1995)  

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

An efficient new cannabinoid antiemetic in pediatric oncology.  (abst - 1995)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=7

The effectiveness of Drug Abuse Resistance Education (project DARE): 5-year follow-up results.  (abst – 1996)  

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

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

Maternal cannabis use and birth weight: a meta-analysis  (abst – 1997)  
http://www.ingentaconnect.com/content/carfax/cadd/1997/00000092/00000011/art00015

Cannabis dependence, withdrawal, and reinforcing effects among adolescents with conduct symptoms and substance use disorders  (abst – 1997)  

The Changing Pattern of Substance Abuse in Urban Adolescents  (full – 1998)  
http://archpedi.jamanetwork.com/article.aspx?articleid=189315&resultClick=3

Dr. Melanie Dreher, reefer researcher  (interview - 1998)  
http://www.cannabisculture.com/v2/articles/1404.html

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 compounds that block its breakdown


Trick or treat from food endocannabinoids? (abst – 1998)  [http://www.nature.com/nature/journal/v396/n6712/full/396636a0.html#B2](http://www.nature.com/nature/journal/v396/n6712/full/396636a0.html#B2)


**CHOLERA**


**CHOLESTEROL**

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

**CHRONIC FATIGUE SYNDROME/ MYALGIC ENCEPHALOMYELITIS**

Myalgic Encephalomyelitis by Anonymous  (anecdotal – undated)  [http://www.rxmarijuana.com/shared_comments/Myalgic_Encephalomyelitis.htm](http://www.rxmarijuana.com/shared_comments/Myalgic_Encephalomyelitis.htm)

A Practical treatise on nervous exhaustion(neurasthenia) aka Chronic Fatigue Syndrome (full – 1894)  [https://archive.org/details/apracticaltreat03beargoog](https://archive.org/details/apracticaltreat03beargoog)

**COLITIS** - also see BOWEL DISORDERS

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 - synthetic, 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

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

Randomised Clinical Trial of Levonantradol and Chlorpromazine in the Prevention of Radiotherapy-induced Vomiting.  (abst - 1982)

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)

Respiratory and cardiovascular depressant effects of nabilone, N-methyllevonantradol and delta 9-tetrahydrocannabinol in anesthetized cats.  (abst - 1983)
http://jpet.aspetjournals.org/content/227/2/508.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=1920&resourcetype=HWCIT
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How to Smoke Cannabis  (news – undated)  http://ukcia.org/culture/smoking.php

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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

GENERIC NAME: 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

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

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

Comparison of bronchial effects of nabilone and terbutaline in healthy and asthmatic
Respiratory and cardiovascular depressant effects of nabilone, N-methyllevonantradol and delta 9-tetrahydrocannabinol in anesthetized cats. (abst - 1983) [Link](http://jpet.aspetjournals.org/content/227/2/508.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=1920&resourcetype=HWCIT)


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


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


Nabilone: an alternative antiemetic for cancer chemotherapy. (abst - 1986) [Link](http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=123)


A double-blind randomised cross-over comparison of nabilone and metoclopramide in the control of radiation-induced nausea. (abst - 1987) [Link](http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=130)

A randomized trial of oral nabilone and prochlorperazine compared to intravenous metoclopramide and dexamethasone in the treatment of nausea and vomiting induced by chemotherapy regimens containing cisplatin or cisplatin analogues. (abst – 1988) [Link](http://www.ncbi.nlm.nih.gov/pubmed/2838294)

Effect of nabilone on nausea and vomiting after total abdominal hysterectomy
Effect of nabilone on nausea and vomiting (letter - 1995)  
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

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=11

The effects of the cannabinoid receptor agonist nabilone on L-DOPA induced dyskinesia in patients with idiopathic Parkinson's disease (PD).  (abst - 1998)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=153

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

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

NAUSEA - also see RADIATION-INDUCED NAUSEA

Antiemetic effect of delta-9-tetrahydrocannabinol in patients receiving cancer chemotherapy.  (full - 1975)  
http://www.ukcia.org/research/antiemetic.php

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?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)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=126

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
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

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?s_id=6

The antiemetic activity of tetrahydrocannabinol versus metoclopramide and thiethylperazine in patients undergoing cancer chemotherapy.  (abst - 1980)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=24

Antiemetics in patients receiving chemotherapy for cancer: a randomized comparison of delta-9-tetrahydrocannabinol and prochlorperazine.  (abst - 1980)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=3

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

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

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

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

Cannabis and cancer chemotherapy: a comparison of oral delta-9-THC and prochlorperazine.  (abst – 1982)  

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)

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

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)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=123

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

A double-blind randomised cross-over comparison of nabilone and metoclopramide in the control of radiation-induced nausea.  (abst - 1987)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=130

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

A randomized trial of oral nabilone and prochlorperazine compared to intravenous metoclopramide and dexamethasone in the treatment of nausea and vomiting induced by chemotherapy regimens containing cisplatin or cisplatin analogues.  (abst – 1988)
Marijuana as antiemetic medicine: a survey of oncologists' experiences and attitudes.  
(abst - 1991)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=134

Effect of nabilone on nausea and vomiting after total abdominal hysterectomy.  
(abst - 1994)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=137

Effect of nabilone on nausea and vomiting  
(letter - 1995)  
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

An efficient new cannabinoid antiemetic in pediatric oncology.  
(abst - 1995)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=7

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

**NEURONS/ BRAIN CELLS**

Cannabinoid Receptor Localization in Brain  
(full - 1990)  

Formation and inactivation of endogenous cannabinoid anandamide in central neurons.  
(letter – 1994)  
http://www.nature.com/nature_journal/v372/n6507/abs/372686a0.html

Formation and inactivation of endogenous cannabinoid anandamide in central neurons  
(abst – 1994)  
http://www.nature.com/nature_journal/v372/n6507/abs/372686a0.html

Anandamide amidohydrolase activity in rat brain microsomes. Identification and partial characterization.  
(full – 1995)  
http://www.ibc.org/content/270/11/6030.long

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

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


NEUROPATHIC PAIN


Analgiesic 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

NEUROPROTECTANT

Marijuana Protects Your Brain (news - undated) http://www.roninpub.com/art-mjbrain.html

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

Cannabidiol and delta 9THC are neuroprotective antioxidants (full - 1998)


Cannabinoid Antioxidant Protects Brain Cells -- Without the High (news – 1998) http://hempworld.com/HempPharm/articles/medicalm05.html

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=10&RESULTFORMAT=&fulltext=cannabis&andorexactfulltext=and&searchid=1&FIRSTINDEX=50&sortspec=relevance&resourcetype=HWCIT


NIEMANN-PICK DISEASE


NUTRITION – GENERAL - also see OMEGA3/ CB 1 CONNECTION, METHODS OF USE- EDIBLES


NUTRITION – HEMP SEED

Hemp Protein Powder 411 (article - undated)
http://manitobaharvest.com/articles_studies/3804/Hemp-Protein-%3D-King-of-the-Plant-Kingdom.html
Hemp Powder Vs. Hemp Oil  (article – undated)

Why Hemp Foods & Oils?  (article - undated)

Nutrition for Moms-to-be!  (article - undated)

Hemp = Superfood  (article - undated)
http://manitobaharvest.com/articles_studies/3802/Hemp%3A-Nature%27s-Forgotten-Superfood.html

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

HEMP SEED: THE MOST NUTRITIONALLY COMPLETE FOOD SOURCE IN THE WORLD (1)  (full - 1992)
http://www.ratical.org/renewables/hempseed1.html

HEMP SEED: THE MOST NUTRITIONALLY COMPLETE FOOD SOURCE IN THE WORLD (2)  (full - 1992)
http://www.ratical.org/renewables/hempseed2.html

Hempseed: Nature's Perfect Food?  (news - 1992)
http://www.marijuanalibrary.org/HT_Hempseed_0492.html

Marijuana-positive urine test results from consumption of hemp seeds in food products.


Hemp Foods and THC Levels: A Scientific Assessment 1  (full - 1999)
http://www.hempfood.com/thclimits1.html

Hemp Foods and THC Levels: A Scientific Assessment 2  (full - 1999)
http://www.hempfood.com/thclimits2a.html

Hemp and Health  (book excerpt - 1999)
http://www.rexresearch.com/hhusb/hmphlth.htm#hhl3

A history of the Royal Grain  (news - 1999)
http://www.cannabisculture.com/v2/articles/1425.html
**NUTRITION – HEMP SEED OIL** - also see Omega 3/CB1 CONNECTION

King’s College Review of Nutritional Attributes of Cold Pressed Hemp Seed Oil (full – undated)  
[http://www.goodwebsite.co.uk/kingsreport.pdf](http://www.goodwebsite.co.uk/kingsreport.pdf)

Why Hemp Foods & Oils? (article - undated)  

Hemp Oil vs Flax Oil. Which One is Right for Me? (article - undated)  
[http://manitobaharvest.com/articles_studies/3794/Hemp-Oil-vs-Flax-Oil.-Which-One-is-Right-for-Me%3F.html](http://manitobaharvest.com/articles_studies/3794/Hemp-Oil-vs-Flax-Oil.-Which-One-is-Right-for-Me%3F.html)

Hemp & GLA: Good Fat Burns Bad Fat (news/forum repost - undated)  

Hemp = Right for Omega-6 (article - undated)  
[http://manitobaharvest.com/articles_studies/3814/Hemp-%3A-The-Right-Choice-for-Omega-6-.html](http://manitobaharvest.com/articles_studies/3814/Hemp-%3A-The-Right-Choice-for-Omega-6-.html)

Hemp Oil Vs. Flax Oil (1) (article – undated)  

Therapeutic Hemp Oil (news - 1993)  
[http://www.ukcia.org/research/TherapeuticHempOil.php](http://www.ukcia.org/research/TherapeuticHempOil.php)

Hemp seed oil: A source of valuable essential fatty acids (full - 1996)  

Occurrence of "omega-3" stearidonic acid in hemp seed (full - 1996)  

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

Hemp and Health (book excerpt - 1999)  
[http://www.rexresearch.com/hhusb/hmphlth.htm#hhl4](http://www.rexresearch.com/hhusb/hmphlth.htm#hhl4)

**OBESITY**

Hemp & GLA: Good Fat Burns Bad Fat (news/forum repost- undated)  

Effects of smoked marijuana on food intake and body weight of humans living in a residential laboratory. (abst - 1988)  
OMEGA-3/ CB1 CONNECTION - without Omega 3, new CB1 receptors are made imperfectly—
also see NUTRITION – HEMP SEED OIL, CBR- CB1 receptors

Nutrition for Moms-to-be!  (article - undated)
http://manitobaharvest.com/articles_studies/3812/Hemp-Packs-in-Powerful-Source-of-Preconception-
Nutrition.html

Omega-3 and Omega-6 Essential fatty Acids (EFA)  (infomercial/ad – undated)

Occurrence of "omega-3" stearidonic acid in hemp seed  (full - 1996)
http://www.hempfood.com/IHA/iha03208.html

ORGAN TRANSPLANTS

Fatal aspergillosis associated with smoking contaminated marijuana, in a marrow
transplant recipient.  (full - 1988)

Successfully treated invasive pulmonary aspergillosis associated with smoking marijuana
in a renal transplant recipient.  (abst - 1996)

OVERDOSES on CANNABINOIDS

Cannabis Indica Poisoning  (1899)  http://www.onlinepot.org/medical/Dr_Tods_PDFs/s2_2.pdf

Two cases of Poisoning by Cannabis Indica  (1900)

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

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2552908/?tool=pmcentrez&page=1
OVERVIEWS

On Being Stoned: A Psychological Study of Marijuana Intoxication  

HEMP, THE PLANT THAT CAN SAVE MOTHER EARTH   (transcript – 1990)  
[http://www.ratical.org/renewables/hempHDRT.html]

PAIN

ANTI-EDEMA AND ANALGESIC PROPERTIES OF Δ9-
TETRAHYDROCANNABINOL (THC)   (abst - 1973)  
[http://jpet.aspetjournals.org/content/186/3/646.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=2160&resourcetype=HWCIT]

Analgesic effect of delta-9-tetrahydrocannabinol.   (abst - 1975)  

The analgesic properties of delta-9-tetrahydrocannabinol and codeine.   (abst - 1975)  

Marihuana as a therapeutic agent for muscle spasm or spasticity.   (abst - 1980)  

ANALGESIC AND ANTIINFLAMMATORY ACTIVITY OF CONSTITUENTS OF 
CANNABIS SATIVA L.   (full - 1988)  
[http://www.ukcia.org/research/AnalgesicAndAntiInflammatoryActivityofConstituents.html]

The effect of orally and rectally administered delta-9-tetrahydrocannabinol on spasticity: a pilot study with 2 patients.   (abst - 1996)  

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

Pain relief with oral cannabinoids in familial Mediterranean fever   (abst - 1997)  
[http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=18]

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

Doped skin   (news - 1998) (may need registration)
Pain modulation by release of the endogenous cannabinoid anandamide (full - 1999)
http://www.pnas.org/content/96/21/12198.full

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

Brain Releases Marijuana-Like Substance In Response To Pain, Study Finds (news - 1999) http://www.sciencedaily.com/releases/1999/10/991013074947.htm

PARKINSON'S DISEASE

Tetrahydrocannabinol potentiates reserpine-induced hypokinesia. (abst – 1981)

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

The effects of the cannabinoid receptor agonist nabilone on L-DOPA induced dyskinesia in patients with idiopathic Parkinson's disease (PD). (abst - 1998)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=153

Cannabis in movement disorders. (abst - 1999)

Why your brain is primed for a high (news - 1999) (may need registration)
http://www.newscientist.com/article/mg16121792.000-why-your-brain-is-primed-for-a-high.html

PATENTS RELATED TO CANNABIS


Process for preparing cannabichromene (full - 1982)
PEA – PALMITOYLETHANOLAMIDE - endocannabinoid, CB 2, GPR55 & GPR119 agonist

Mast cells express a peripheral cannabinoid receptor with differential sensitivity to anandamide and palmitoylethanolamide. (full – 1995)
http://www.pnas.org/content/92/8/3376.full.pdf+html

The palmitoylethanolamide and oleamide enigmas: are these two fatty acid amides cannabimimetic? (abst – 1999) http://lib.bioinfo.pl/pmid:10469890

PHYTOCannabinoids/ Plant Extracts - also see THC, CBD

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)

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

Cannabis Indica (U. S. P.)—Indian Cannabis. King’s American Dispensatory (1898)
http://www.henriettesherbal.com/eclectic/kings/cannabis.html
Chemical basis of hasish activity. (abst - 1970)  

Anticonvulsant Action of Cannabis in the Rat: Role of Brain Monoamines. (abst – 1978)  

Intraocular pressure following systemic administration of cannabinoids. (abst - 1982)  

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

Developmental aspects of anandamide: ontogeny of response and prenatal exposure (abst – 1996)  
http://www.psyneuen-journal.com/article/0306-4530%2895%2900039-9/abstract

Side effects of pharmaceuticals not elicited by comparable herbal medicines: the case of tetrahydrocannabinol and marijuana. (abst – 1999)  

**POISONING - PARAQUAT**

Paraquat goes to pot. (full - 1978)  

Paraquat and marihuana. Assessing the hazard. (full - 1978)  

An effect of paraquat on the lungs of rabbits. Its implications in smoking contaminated marihuana. (abst - 1978)  

Paraquat and marijuana: epidemiologic risk assessment. (full - 1983)  

**PREGNANCY/ PRENATAL EXPOSURE**  - also see PERINATAL HYPOXIC-ISCHEMIC INJURY, CHILDREN/ YOUNG ADULTS

Nutrition for Moms-to-be! (article - undated)  


Acute effects of marihuana smoking on prolactin levels in human females. (abst - 1985) [http://jpet.aspetjournals.org/content/232/1/220.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT]


Tolerance to the luteinizing hormone and prolactin suppressive effects of delta-9-tetrahydrocannabinol develops during chronic prepubertal treatment of female rats. (abst - 1986) [http://jpet.aspetjournals.org/content/238/3/1034.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=3760&resourcetype=HWCIT]


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&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=960&resourcetype=HWCIT]

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

Prenatal Marijuana Exposure and Neonatal Outcomes in Jamaica : An Ethnographic Study  (full - 1994)
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Smoking dope restored my sight (news/anecdotal - 1998)  
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**R(+) METHANANANDAMIDE** – synthetic, anandamide analog


**SAFETY AS A MEDICINE**

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SAFETY- ADULTERANTS/ CONTAMINANTS


SCHIZOPHRENIA/ MENTAL DISORDERS


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Effect of cannabis and certain of its constituents on pentobarbitone sleeping time and phenazone metabolism (full - 1972) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1666020/

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THC (TETRAHYDROCANNABINOL) ACCUMULATION IN GLANDS OF CANNABIS (CANNABACEAE)  (full – undated)
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Δ9-Tetrahydrocannabinol induces apoptosis in C6 glioma cells  
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Treatment of Tourette's Syndrome With Delta-9-Tetrahydrocannabinol  
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**THC-HS / TETRAHYDROCANNABINOL-HEMISUCCINATE** - synthetic

US Patent 5389375 - Stable suppository formulations effecting bioavailability of Δ9 -thc  
(http://www.patentstorm.us/patents/5389375/fulltext.html)

US Patent 5508037 - Stable suppository formulations effecting bioavailability of Δ9 -THC  
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**THCV/ TETRAHYDROCANNABIVARIN** phytocannabinoid, CB1 & CB2 antagonist

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http://www.bushka.cz/KabelikEN/hempseed.html

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VISION - also see GLAUCOMA

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


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