EARLY STUDIES - PRE- 2000

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

Synthesis and characterization of potent and selective agonists of the neuronal cannabinoid receptor (CB1). (full – 1999)  [http://jpet.aspetjournals.org/content/289/3/1427.long](http://jpet.aspetjournals.org/content/289/3/1427.long)

**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

Barba Jacob and the history of marihuana  (abst – 1986)  

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

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

2-Arachidonoylglycerol: A Possible Endogenous Cannabinoid Receptor Ligand in Brain  

Anandamide amidohydrolase reacting with 2-arachidonoylglycerol,  
another cannabinoid receptor ligand  (full – 1997)  
http://www.druglibrary.org/crl/receptors/endogenous/Goparahu%20et.al%2098%202-AG%20FEBSLet.pdf

A Second Endogenous Cannabinoid That Modulates Long-term Potentiation.  

Brain Chemicals Mimic Marijuana  (news - 1997)  
http://www.ukcia.org/research/anandami.php

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)  
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2-Arachidonoylglycerol as an "endocannabinoid": limelight for a formerly neglected metabolite.  (abst - 1998)  

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


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

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

Concordant alcohol and marihuana use in women. (abst – 1986)

Alcohol use, marihuana smoking, and sexual activity in women. (abst – 1988)


ALLERGIES AND CANNABIS

Marijuana smoking and fungal sensitization. (abst - 1983)
**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**


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

- Design and Synthesis of the CB1 Selective Cannabinoid Antagonist AM281: A Potential Human SPECT Ligand  (link to PDF – 1999)

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

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

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


Cannabis amotivational syndrome and personality trait absorption: A review and reconceptualization (full - 1994) http://www.ukcia.org/research/PersonalityTraitAbsorption.php

Debunking the Amotivational Syndrome (news - 1995)
http://www.drugscience.org/Petition/C3F.html

ANANDAMIDE / AEA – endocannabinoid, CB 1 & 2 agonist

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


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

Anandamide, an endogenous cannabimimetic eicosanoid, binds to the cloned human cannabinoid receptor and stimulates receptor-mediated signal transduction (full - 1993) http://www.pnas.org/content/90/16/7656.full.pdf+html

Enzymatic synthesis of anandamide, an endogenous ligand for the cannabinoid receptor, by brain membranes  (full - 1994) http://www.pnas.org/content/91/14/6698.full.pdf+html

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 and delta 9-THC dilation 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


Occurrence and biosynthesis of endogenous cannabinoid precursor, N-arachidonoyl phosphatidylethanolamine, in rat brain. (full – 1997) http://www.jneurosci.org/content/17/4/1226.long


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

Anandamide, a Natural Ligand for the Peripheral Cannabinoid Receptor Is a Novel Synergistic Growth Factor for Hematopoietic Cells (full – 1997) http://bloodjournal.hematologylibrary.org/content/90/4/1448.full


Anandamide : The molecule of extreme pleasure (report– 1997)
Activation of peripheral CB1 cannabinoid receptors in haemorrhagic shock.  


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

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.  

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

Doped skin  (news - 1998)  (may need registration)  
http://www.newscientist.com/article/mg15921434.700-doped-skin.html

Pain modulation by release of the endogenous cannabinoid anandamide  
(full - 1999)  http://www.pnas.org/content/96/21/12198.full

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

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

Brain Releases Marijuana-Like Substance In Response To Pain, Study Finds  

Links found between marijuana and vision   
(news – 1999)  

UC Irvine Researchers Demonstrate How Marijuana-Like Chemicals Work In The Brain  

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
ANTI-BACTERIAL PROPERTIES

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=itslink&action=relink&origin=ACS&version=1.0&coi=1%3ACAS%3A528%3ADyaG1cXpvGiug%253D%253Dmd5=36fcabac61432cf5e852e26e9bba3cd1

Hemp (Cannabis sativa) - an antibiotic drug. II. Methods and results of bacteriological investigations and preliminary clinical experiences (abst - 1958)
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Effect of Biogenic Amines and Cannabinoids on Bacterial Chemotaxis (full - 1973)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC246374/?page=1

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

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

Antiinflammatory and antimicrobial compounds and compositions

ANTI-INFLAMMATORY PROPERTIES

Anti-inflammatory properties of cannabichromene (abst – 1980)

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

Analgesic and antiinflammatory activity of constituents of Cannabis sativa L.
ANTIPROTOZOAN PROPERTIES

Susceptibility of Naegleria fowleri to delta 9-tetrahydrocannabinol. (full - 1979)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC352928/


ANTIOXIDANT PROPERTIES

Biological screening of 100 plant extracts for cosmetic use (II): anti-oxidative activity and free radical scavenging activity. (abst - 1997)
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Cannabinoid Antioxidant Protects Brain Cells -- Without the High (news – 1998) http://hempworld.com/HempPharm/articles/medicalm05.html
ANXIETY/ ANXIOLYTIC EFFECTS (anxiety reducing)

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

The efficacy and safety of nabilone (a synthetic cannabinoid) in the treatment of anxiety (abst - 1981)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=229&&search_pattern=ANXIOLYTIC.

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

APPETITE - also see TASTE, OBESITY


Behavioral analysis of marijuana effects on food intake in humans. (abst - 1986)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=118

Effects of smoked marijuana on food intake and body weight of humans living in a residential laboratory. (abst - 1988)
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Dronabinol enhancement of appetite in cancer patients. (abst - 1990)
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Recent clinical experience with dronabinol. (abst - 1991)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=90

Dronabinol stimulates appetite and causes weight gain in HIV patients. (abst - 1992)
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Dronabinol effects on weight in patients with HIV infection. (abst - 1992)  
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Effect of dronabinol on nutritional status in HIV infection. (abst - 1993)  
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A phase II study of delta-9-tetrahydrocannabinol for appetite stimulation in cancer-associated anorexia. (abst - 1994)  
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Dronabinol as a treatment for anorexia associated with weight loss in patients with AIDS. (abst - 1995)  
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The perceived effects of smoked cannabis on patients with multiple sclerosis. (abst - 1997)  

Effects of dronabinol on anorexia and disturbed behavior in patients with Alzheimer's disease (abst - 1997)  
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SR 141716, a CB1 cannabinoid receptor antagonist, selectively reduces sweet food intake in marmoset. (abst – 1998)  

Anandamide induces overeating: mediation by central cannabinoid (CB1) receptors (abst – 1999)  
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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 and antiinflammatory activity of constituents of Cannabis sativa L. (full - 1988)  
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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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Effects of smoked marijuana in experimentally induced asthma.  (full - 1975)
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Bronchodilator effect of delta1-tetrahydrocannabinol administered by aerosol of asthmatic patients.  (full - 1976)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC470501/?tool=pmcentrez&page=1

Bronchial effects of aerosolized delta 9-tetrahydrocannabinol  (abst - 1977)

Bronchodilator effect of delta1-tetrahydrocannabinol.  (full - 1978)
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Comparison of bronchial effects of nabilone and terbutaline  (abst - 1983)
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Acute and subacute bronchial effects of oral cannabinoids.  (abst - 1984)
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Role of prostaglandins in marihuana-induced bronchodilation.  (abst – 1986)

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

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

ATHEROSCLEROSIS

Cardiovascular Effects of Cannabis  (news - undated)
http://www.idmu.co.uk/cannocardio.htm

Cannabinoids impair the formation of cholesteryl ester in cultured human cells.
(full – 1981)  http://atvb.ahajournals.org/cgi/reprint/1/6/449
**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)  
[http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1909890/](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1909890/)

**BLEPHAROSPASM** - also see MEIGE'S SYNDROME

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

Anandamide, a Natural Ligand for the Peripheral Cannabinoid Receptor Is a Novel Synergistic Growth Factor for Hematopoietic Cells. (full – 1997) http://bloodjournal.hematologylibrary.org/content/90/4/1448.full

The inhibitory effects of cannabinoids, the active constituents of Cannabis sativa L. on human and rabbit platelet aggregation. (abst - 1989) http://www.ncbi.nlm.nih.gov/pubmed/2575149

**BLOOD PRESSURE**

Reduction by Δ9-tetrahydrocannabinol in the blood pressure of hypertensive rats bearing regenerated adrenal glands. (full - 1973) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1776093/?page=1


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


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Cannabinoid-Induced Hypotension and Bradycardia in Rats Is Mediated by CB1-Like Cannabinoid Receptors. (full - 1997)
Body's 'cannabis' could hold blood pressure key  (news - 1998)  
http://www.ukcia.org/research/blood-pressure.php

**BOWEL DISORDERS** - also see GERD, COLITIS, IBS, CROHN’S

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

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)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1776598/?tool=pmcentrez&page=1

Intestinal obstruction by an unusual foreign body  
(full - 1973)  

Psychoactive Cannabinoids Reduce Gastrointestinal Propulsion and Motility in Rodents  
(full - 1989)  
http://jpet.aspetjournals.org/content/249/2/444.full.pdf+html

Inhibitory effect of cannabinoid agonists on gastric emptying in the rat  (abst – 1999)  
http://www.springerlink.com/content/8fe31unaat4fbd4/

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

**BRAIN – PHYSICAL EFFECTS**

Absence of Cerebral Atrophy in Chronic Cannabis Users. Evaluation by Computerized Transaxial Tomography.  
(abst – 1977)  

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

Neurological and neuroradiological examination of chronic cannabis smokers.


Effects of frequent marijuana use on brain tissue volume and composition  

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
(full - 1987)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC298868/?tool=pmcentrez&page=1

Fatal aspergillosis associated with smoking contaminated marijuana, in a marrow
transplant recipient.  (full - 1988)  http://chestjournal.chestpubs.org/content/94/2/432.long

**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)

Antineoplastic activity of cannabinoids  (full - 1975)
http://www.ukcia.org/research/AntineoplasticActivityOfCannabinoids/default.html

In vivo effects of cannabinoids on macromolecular biosynthesis in Lewis lung

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

No increase in carcinogen-DNA adducts in the lungs of monkeys exposed chronically to

Marijuana Less Harmful to Lungs than Cigarettes  (news - 1994)
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
**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

Stimulation of anandamide biosynthesis in N-18TG2 neuroblastoma cells by delta 9-tetrahydrocannabinol (THC).  

Potential biosynthetic connections between the two cannabimimetic eicosanoids, anandamide and 2-arachidonoyl-glycerol, in mouse neuroblastoma cells.  

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

**CANCER - ORAL**

CANCER - PROSTATE


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


CANCER - TESTICULAR

Chemotherapy for Testicular Cancer (anecdotal - undated) http://www.rxmarihuana.com/shared_comments/testicularchemo.htm

CANCER - VARIOUS/ UNNAMED

Unpublished Federal Study Found THC-Treated Rats Lived Longer, Had Less Cancer  

Analgesic effect of delta-9-tetrahydrocannabinol. (abst - 1975)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=16

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

Delta-9-Tetrahydrocannibinol 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

The antiemetic activity of tetrahydrocanabinol versus metoclopramide and thieylperazine in patients undergoing cancer chemotherapy.  

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

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

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 (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

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

Cannabinoid--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)
plus

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

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

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)
plus

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/~warmgun/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)
plus
Cannabidiol and (−)Δ9-tetrahydrocannabinol are neuroprotective antioxidants


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

CBD-ABN/ ABNORMAL CANNABIDIOL/ CAY10429 - synthetic

Effects of cannabinoids on L1210 murine leukemia. 1. Inhibition of DNA synthesis. (abst - 1977)

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

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)
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)


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


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


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


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


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

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


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.  

**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  

HEMP AS A MEDICAMENT: Survey of clinical experiences  

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.onlinapot.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)

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

The decomposition of acidic and neutral cannabinoids in organic solvents. (abst – 1977)

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.
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. (full - 1981)  
http://notulaebotanicae.ro/nbha/article/view/144/138

Constituents of Cannabis sativa L., XX: the cannabinoid content of Mexican variants grown in Mexico and in Mississippi, United States of America (full - 1982)  

Constituents of Cannabis sativa, XXV. Isolation of two new dihydrostilbenes from a Panamanian variant. (abst – 1984)  

Cannabinoid content of cannabis grown on the Danish island of Bornholm. (abst – 1985)  

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

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

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)


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


Immuochemical localization of tetrahydrocannabinoin (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?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)  


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


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


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/iba/iba02210.html

**CHILDREN/ YOUNG ADULTS**

Hemp Packs in Powerful Source of Preconception Nutrition  
(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)  

Adolescent Marihuana Use: Role of Parents and Peers.  
(abst – 1976)  

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)  


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 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&RESULTFORMAT 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 PUMONARY 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
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

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)  

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

**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

Cannabinoids enhance human B-cell growth at low nanomolar concentrations. (abst – 1995)  
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


**CROHN’S DISEASE**  also see BOWEL DISORDERS


**CYSTIC FIBROSIS**

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


**DEPRESSION**

**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

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Marijuana Effects on the Endocrine and Reproductive Systems  (full - 1984)  
http://archives.drugabuse.gov/pdf/monographs/44.pdf

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

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


Effects of Tetrahydrocannabinol on Melatonin Secretion in Man. (full + article – 1986) http://members.iowatelecom.net/sharkhaus/marijuana_melatonin.html


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


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


HU-211, a Novel Noncompetitive N-Methyl-D-Aspartate Antagonist, Improves Neurological Deficit and Reduces Infarct Volume After Reversible Focal Cerebral Ischemia in the Rat (full - 1995) http://stroke.ahajournals.org/cgi/content/full/26/12/2313


Protection Against Septic Shock and Suppression of Tumor Necrosis Factor α and Nitric Oxide Production by Dexanabinol (HU-211), a Nonpsychotropic Cannabinoid (full - 1997)  http://jpet.aspetjournals.org/content/283/2/918.full

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


**HU-308** - synthetic, CB2 agonist

HU-308: a specific agonist for CB(2), a peripheral cannabinoid receptor.  (full - 1999)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC24419/?tool=pubmed

**HUMAN ENDOCANNABINOID SYSTEM GENETICS**


**HUNTINGTON'S DISEASE**


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

Loss of cannabinoid receptors in the substantia nigra in Huntington's disease.
Cannabis in movement disorders. (abst - 1999)

Hysterectomy

Effect of nabilone on nausea and vomiting after total abdominal hysterectomy

Immune System

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

Presence and functional regulation of cannabinoid receptors in immune cells.
(abst – 1999)

Indications and Clinical Uses

Hemp as a Medicament: Survey of clinical experiences (full - 1955)
http://www.bushka.cz/KabelikEN/survey.html

Cannabis as a Medicine? (editorial - 1995)

Medicinal Applications of Delta-9-Tetrahydrocannabinol and Marijuana (full - 1997)
http://www.annals.org/content/126/10/791.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinbis&searchid=1&FIRSTINDEX=1200&resourcetype=HWCIT

Hemp and Health (book - 1999) http://www.rexresearch.com/hhusb/hmphlth.htm#hhl2s
INTERACTIONS WITH OTHER DRUGS

INTERACTIONS OF Δ1-TETRAHYDROCANNABINOL WITH BARBITURATES AND METHAMPHETAMINE  (abst - 1970)
http://jpet.aspetjournals.org/content/173/1/94.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=2560&resourcetype=HWCIT

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/


Interaction of cannabis and general anaesthetic agents in mice  (full - 1974)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1776719/?tool=pmcentrez

Combination of delta9-tetrahydrocannabinol with oxymorphine or pentobarbital: Effects on ventilatory control and cardiovascular dynamics.  (link to PDF - 1975)  http://journals.lww.com/anesthesiology/pages/articleviewer.aspx?year=1975&issue=06000&article=00009&type=abstract


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


Cannabidiol--antiepileptic drug comparisons and interactions in experimentally induced seizures in rats.  (full - 1977)  http://jpet.aspetjournals.org/content/201/1/26.abstract?ijkey=8457ace5313942358e64d156e12d04bd3c7d5f21&keytype2=tf_ipseesha
The effect of delta 9-tetrahydrocannabinol, cannabidiol, and cannabinol on the anaesthesia induced by various anaesthetic agents in mice. (abst - 1977)  

Propranolol Effects on Acute Marihuana Intoxication in Man. (abst – 1977)  

Enhanced Biotransformation of Theophylline in Marihuana and Tobacco Smokers. (abst – 1978)  

Effects of drugs on behavior in pigeons tolerant to delta 9-tetrahydrocannabinol. (abst - 1980)  
http://jpet.aspetjournals.org/content/212/1/85.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=3760&resourcetype=HWCIT

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


ANALGESIC INTERACTION BETWEEN NITROUS OXIDE AND DELTA-9-TETRAHYDROCANNABINOL IN THE RAT (abst - 1983)  
http://bja.oxfordjournals.org/cgi/content/abstract/55/10/997?maxtoshow=&hits=80&RESULTFORMAT=1&andorexacttitle=and&andorexacttitleabs=and&fulltext=cannabinoid&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT

Respiratory effects of cocaine "freebasing" among habitual users of marijuana with or without tobacco. (abst - 1987)  

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

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

Marihuana attenuates the rise in plasma ethanol levels in human subjects. (abst – 1992)  

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](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&RESULTFORMATE=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT](http://www.sciencemag.org/cgi/content/abstract/173/4001/1038?maxtoshow=&hits=80&RESULTFORMATE=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)


Marihuana Use and Psychosocial Adaptation (abst - 1974) [http://archpsyc.ama-assn.org/cgi/content/abstract/31/5/713?maxtoshow=&hits=80&RESULTFORMATE=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT](http://archpsyc.ama-assn.org/cgi/content/abstract/31/5/713?maxtoshow=&hits=80&RESULTFORMATE=&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](http://jpet.aspetjournals.org/content/198/1/42.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)


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

Cannabis use and cognitive decline in persons under 65 years of age  
(full - 1999)  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


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

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

**LONG TERM USE EFFECTS**

Physical assessment of 30 chronic cannabis users and 30 matched controls.  

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

Neurological and neuroradiological examination of chronic cannabis smokers.  


**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/


Chronic Migraine Headache: five cases successfully treated with Marinol and/or illicit cannabis. (abst - 1991) http://www.druglibrary.org/schaffer/hemp/migrn1.htm


MEIGE'S SYNDROME


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

MENINGITIS


MENOPAUSE - also see AGING, GYNOCOLOGY

Acute effects of marijuana 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

**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)


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
Herbal Intoxication: Psychoactive Effects From Herbal Cigarettes, Tea, and Capsules

Concentration of Marijuana Metabolites in the Urine After Ingestion of Hemp Seed Tea.

METHODS – EDIBLES - FOODS


Cannabis Recipes  (forum thread - 2004)

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

Recipes from "Onepot"  (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

Alice B. Toklas brownies: the recipe!  (news – 1994)
http://www.straightdope.com/columns/read/880/alice-b-toklas-brownies-the-recipe

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

Effect of Intravenous Injection of Marihuana  (abst - 1969)
http://jama.ama-assn.org/cgi/content/abstract/210/4/724?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=3840&resourcetype=HWCIT

Intravenous delta9-Tetrahydrocannabinol: Effects of ventilatory control and cardiovascular dynamics.  (link to PDF - 1975)
The toxicity of intravenously used marihuana. (abst - 1975)  

Emotional response to intravenous delta9tetrahydrocannabinol during oral surgery. (abst – 1976)  
http://www.ncbi.nlm.nih.gov/pubmed/1062533

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)  
http://www.nature.com/clpt/journal/v28/n3/abs/clpt1980181a.html

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  (abst - 1976)  
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)
http://www.ukcia.org/research/EffectsOfWaterFiltrationOnMarijuanaSmoke.php

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


METHODS OF USE – SUPPOSITORIES / RECTAL USE


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

Chronic Migraine Headache: five cases successfully treated with Marinol and/or illicit cannabis.  (abst - 1991)  http://www.druglibrary.org/schaffer/hemp/migrn1.htm

Cannabis for Migraine Treatment: Once and Future Treatment? An historical and scientific review  (full - 1998)

MISCELLANEOUS STUFF

New Billion Dollar Crop  (news – 1938)


Marijuana and Mutism  (abst - 1972)


Ingestion of Hashish Oil-filled Condoms.  (abst – 1980)


Barba Jacob and the history of marihuana  (abst – 1986)

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)  

Immonochemical 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.fsjournal.org/article/S0379-0738%2899%2900204-2/abstract

Have I got brews for you... Hemp beer's here to stay. (news – 1998)  
http://www.thefreelibrary.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-TETRAHYROCANNABINOL WITH BARBITURATES AND METHAMPHETAMINE  (abst - 1970)

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


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=fstlink&action=reftlink&origin=ACS&version=1.0&coi=1%3ACAS%3A528%3ADyaG1cXpvVGig%263D%263D&md5=36fcabac61432cf5e852e26c9bba3cd1
Hemp (Cannabis sativa)-an antibiotic drug. II. Methods and results of bacteriological investigations and preliminary clinical experiences  
(abst - 1958)

http://chemport.cas.org/cgi-bin/sdci?APP=ftslink&action=remlink&origin=ACS&version=1.0&coi=1%3ACAS%3A528%3ADyaG1cXotl2guw%253D%253D&md5=a36c74726c1c02d8a52d1f297d624fc6

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)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=1

Effect of cannabinoids on spasticity and ataxia in multiple sclerosis.  
(abst - 1989)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=2

Nabilone in the treatment of multiple sclerosis  
(abst - 1995)

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)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=12

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_aft er_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

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_supp/377S?maxtoshow=&hits=80&RESULTFORMAT= &fulltext=marihuana&searchid=1&FIRSTINDEX=240&resourcetype=HWT

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


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)  
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**NEUROPATHIC PAIN**


**NEUROPROTECTANT**

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**NIEMANN-PICK DISEASE**


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


**NUTRITION – HEMP SEED**

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http://manitobaharvest.com/articles_studies/3804/Hemp-Protein-%3D-King-of-the-Plant-Kingdom.html

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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


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

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

Hemp Oil Vs. Flax Oil   (article – undated)  http://www.ehow.com/facts_5949889_hemp-oil-vs_-flax-oil.html

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


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

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


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Hemp & GLA: Good Fat Burns Bad Fat   (article - undated)
http://manitobaharvest.com/articles_studies/3813/Hemp-%26-GLA%3A-Good-Fat-Burns-Bad-Fat-.html

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http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=117

**OMEGA-3/ CB1 CONNECTION** (without Omega 3, new CB1 receptors are made imperfectly)  
also see NUTRITION – HEMP SEED OIL, CBR- CB1 receptors

Hemp Packs in Powerful Source of Preconception Nutrition  (article - undated)  

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

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

**OVERDOSES on CANNABINOIDS**  also see CANNABINOID HYPEREMESIS, SPICE

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)
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On Being Stoned: A Psychological Study of Marijuana Intoxication (book - 1971)  
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ANALGESIC AND ANTIINFLAMMATORY ACTIVITY OF CONSTITUENTS OF CANNABIS SATIVA L.  (full - 1988)  
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Hypoactivity of the Spinal Cannabinoid System Results in NMDA-Dependent Hyperalgesia (full – 1998)  http://www.jneurosci.org/content/18/1/451.long

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Pain modulation by release of the endogenous cannabinoid anandamide (full - 1999)
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Brain Releases Marijuana-Like Substance In Response To Pain, Study Finds (news - 1999)  http://www.sciencedaily.com/releases/1999/10/991013074947.htm

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Beneficial and adverse effects of cannabidiol in a Parkinson patient with sinemet-induced dystonic dyskinesia. (abst - 1985)
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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). (abst - 1998)
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Cannabinoids in parkinsonism (3 abstracts - 1999)

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PATENTS RELATED TO CANNABIS


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The palmitolethanolamide 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) http://forum.grasscity.com/medical-marijuana/610429-need-cbd.html
Cannabinoids (encyclopedia entry)  http://www.chemie.de/lexikon/e/Cannabinoids/

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Anticonvulsant Action of Cannabis in the Rat: Role of Brain Monoamines.  

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


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

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also see PERINATAL HYPOXIC-ISCHEMIC INJURY, CHILDREN

Menstrual cramps, morning sickness and labour pain  (article – undated)  
http://www.ukcia.org/medical/menstrualcrampsMorningsicknessAndLabourPain.php
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Acute effects of marihuana smoking on prolactin levels in human females.  
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Tolerance to the luteinizing hormone and prolactin suppressive effects of delta-9-tetrahydrocannabinol develops during chronic prepubertal treatment of female rats.  
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Prenatal marijuana use and neonatal outcome.  
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Analysis of Facial Shape in Children Gestationally Exposed to Marijuana, Alcohol, and/or Cocaine  
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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)

Mortality Within the First 2 Years in Infants Exposed to Cocaine, Opiate, or Cannabinoid During Gestation (abst - 1997)
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Use of Marijuana During Pregnancy (book excerpt - 1997)

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

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QUITTING CANNABIS - also see ADDICTION and WITHDRAWAL
An Abstinence Syndrome Following Chronic Administration of Delta-9-
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The Use of Indian Hemp in the Treatment of Chronic Chloral and Chronic Opium
Poisoning (1889) http://www.onlinepot.org/medical/Dr_Tods_PDFs/s3_2.pdf

Cannabis substitution. An adjunctive therapeutic tool in the treatment of alcoholism.

Morphine-dependent rats: blockade of precipitated abstinence by tetrahydrocannabinol.

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abstinence in morphine-dependent rats. (abst - 1975)
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Effect of some cannabinoids on naloxone-precipitated abstinence in morphine-dependent
mice. (abst – 1976)
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Inhibition of naloxone-induced withdrawal in morphine dependent mice by 1-trans-

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RETINITIS PIGMENTOSA

Smoking dope restored my sight (news/anecdotal - 1998)  
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RIMONABANT/ ACOMPLIA/ SR141716/ SR1 – a CB1 & CB2 antagonist

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

Cannabinoids enhance human B-cell growth at low nanomolar concentrations. (abst – 1995)  

Biochemical and pharmacological characterisation of SR141716A, the first potent and selective brain cannabinoid receptor antagonist. (abst – 1995)  


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


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


**SAFETY AS A MEDICINE**

THE RELATIVE ACTIVITY OF VARIOUS PURIFIED PRODUCTS OBTAINED FROM AMERICAN GROWN HASHISH (abst - 1938)
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TOURETTE'S SYNDROME

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**TUBERCULOSIS**

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**VETERINARY USE/ ANIMALS**

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**VISION-** also see GLAUCOMA


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WITHDRAWAL SYNDROME


