Granny Storm Crow’s List – July 2013

Well, it has finally happened! The List is just too darn big for some e-mail accounts to handle.

So I have reluctantly divided the List into 4 parts- The "Natural Cannabinoids and Conditions" is the largest part, and will be of the most use to the majority of you since it contains the more recent studies. A few older, but useful, topics appear in this section, such as “Storage” and “History”. Topics that have “Pre- 2000 Studies” are marked with an asterisk, (ASTHMA*), to alert you that older studies do exist.

The studies in the "Synthetics" will be of more interest to those in the medical professions. However, when a synthetic compound is useful for a certain condition, the study will be added in that section in the "Natural Cannabinoids and Conditions", as well as in the "Synthetics”. While “The Endocannabinoid System” provides an overview of how the cannabinoids affect virtually all of our body’s functions.

Cannabinoid studies are coming out at an ever increasing rate, and frankly, it was getting hard to navigate through all those studies. The List has to change with the times!

And the times are changing! Two states have legalized cannabis, and others are considering it! At no time, since before the 1930s, have so many people supported medical use of cannabis! CNN’s Dr. Sanjay Gupta has publicly changed his stance on cannabis and admitted to having tried it! And that same week, CNN ran a story about a child finding relief from severe epilepsy with a “high CBD” cannabis extract. The facts about cannabis being a safe and effective medicine for many conditions are slowly trickling into the mainstream media!

We can speed up that trickle of information to make it into a flood! The medical facts about cannabis speak for themselves, but it is up to us to get those facts to the public! Each one of you knows someone who could benefit from the information in this List- a relative, a friend, or co-worker. It takes only a moment to forward the List to them, and it may change their life!

Your doctor, unless he is an exception, has not educated himself about cannabis. Send him a few abstracts to get his interest! (The Post Office delivers mail without a return address- you can even stay anonymous!) And our politicians are worst of all! One activist described talking with our politicians as like “talking to teenagers who had never heard of cannabis”! That they are so profoundly ignorant about even the most basic facts about cannabis, and yet are in charge of making our laws on it, is mind-boggling!

We have the facts on our side. All we need to do is speak the truth clearly, and repeatedly, until cannabis is fully legalized! The prohibitionists have spread their lies for the last three quarters of a century, but their lies cannot stand up to the truth that we possess. And as my Grandfather said, “If the truth won’t do, then something is wrong!”
Granny Storm Crow’s List – July 2013 – Part 1

Natural Cannabinoids and Conditions

It Is Time for Marijuana to Be Reclassified as Something Other Than a Schedule I Drug!

* = older studies in Pre-2000 List

ACHILLES TENDINOSIS

Increased Expression of Cannabinoid CB(1) Receptors in Achilles Tendinosis.
(full – 2011) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3169627/?tool=pubmed

ACNE

Cannabis (Marijuana) Being Looked at For Acne Clearing Properties  (news – 2007)

Endocannabinoids enhance lipid synthesis and apoptosis of human sebocytes via cannabinoid receptor-2-mediated signaling.  (full – 2008)
http://www.fasebj.org/content/22/10/3685.long

Cannabis - Why it could be an acne cure  (news – 2008)

The endocannabinoid system of the skin in health and disease: novel perspectives and therapeutic opportunities.  (full – 2009)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2757311/?tool=pubmed

Hemp Seed Oil Benefits  (news – 2009)
http://www.livestrong.com/article/31903-hemp-seed-oil-benefits/

Cannabidiol as a treatment for acne?  (article, p. 31 – 2010)

Endocannabinoid signaling and epidermal differentiation.  (abst – 2011)
ADD/ ADHD*

Recipe For Trouble  (anecdotal/ news - 2002)  
http://www.cbsnews.com/stories/2002/03/05/48hours/main503022.shtml

Association between cannabinoid receptor gene (CNR1) and childhood attention deficit/hyperactivity disorder in Spanish male alcoholic patients  (full - 2003)  
http://www.nature.com/mp/journal/v8/n5/full/4001278a.html

Cannabinoids effective in animal model of hyperactivity disorder  (abst - 2003)  
http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=162#4

Cannabis ’Scrips to Calm Kids?  (news - 2004)  
http://www.foxnews.com/story/0,2933,117541,00.html

Fitness to drive in spite (because) of THC  (abst - 2007)  
http://www.unboundmedicine.com/medline/ebm/record/17879702/abstract/%5BFitness_to_drive_in_spite_%5D_because_of_THC%5D

Science: THC normalized impaired psychomotor performance and mood in a patient with hyperactivity disorder  (news - 2007)  

Association of the Cannabinoid Receptor Gene (CNR1) With ADHD and Post-Traumatic Stress Disorder  (full - 2008)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2685476/?tool=pubmed

Cannabis Improves Symptoms of ADHD  (full - 2008)  

Cannabis use and adult ADHD symptoms.  (abst - 2008)  

Autism, ADD, ADHD and Marijuana Therapy  (news - 2008)  
http://www.entheology.org/edoto/anmviewer.asp?a=319

Effects of the cannabinoid CB1 receptor antagonist rimonabant on distinct measures of impulsive behavior in rats.  (full – 2009)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1915592/?tool=pubmed

Bidirectional regulation of novelty-induced behavioral inhibition by the endocannabinoid system.  (abst – 2009)  

Cannabinoid receptors in brain: pharmacogenetics, neuropharmacology, neurotoxicology, and potential therapeutic applications  (abst – 2009)

Doctors recommend medical marijuana for minors with ADHD in California (news – 2009)
http://www.nydailynews.com/life-style/health/doctors-recommend-medical-marijuana-minors-adhd-california-article-1.419585#ixzz2Ui5xXtRZ

Prescribing marijuana to kids  (news – 2009)
http://theweek.com/article/index/103325/prescribing-marijuana-to-kids

Why I Give My 9-year-old Pot  (anecdotal/news - 2009)

Why I Give My 9-Year-Old Pot, Part II  (news/anecdotal - 2009)

Oral Delta 9-tetrahydrocannabinol improved refractory Gilles de la Tourette syndrome in an adolescent by increasing intracortical inhibition: a case report.  (abst - 2010)


Dr. Jean Talleyrand Says Marijuana Safer than Ritalin for ADHD Teens  (news – 2010)

Science: Cannabis effective in the treatment of TOURETTE Syndrome and attention deficit hyperactivity disorder (ADHD)  (news – 2010)

Loss of striatal cannabinoid CB1 receptor function in attention-deficit/hyperactivity disorder mice with point-mutation of the dopamine transporter.  (abst – 2011)

Why I Give My Autistic Son Pot, Part 4  (news – 2011)
http://www.slate.com/id/2294072/?from=rss

Why Omega-3s Affect Your Mood  (news – 2011)

Effects of amphetamine on dopamine release in the rat nucleus accumbens shell region depend on cannabinoid CB1 receptor activation.  (abst – 2012)

Cannabidiol and clozapine reverse MK-801-induced deficits in social interaction and hyperactivity in Sprague-Dawley rats.  (abst – 2012)
Is Medical Marijuana Safe For Children and Adolescents? (news - 2013)  
http://www.wakingtimes.com/2013/05/27/is-medical-marijuana-safe-for-children-and-adolescents/

Still Believe Nature Got It Wrong? Top 10 Health Benefits of Marijuana (news – 2013)  
http://www.wakingtimes.com/2013/05/01/still-believe-nature-got-it-wrong-top-10-health-benefits-of-marijuana/

Can Medical Cannabis Stop The ADHD Epidemic? (news - 2013)  
http://www.wakingtimes.com/2013/04/11/can-medical-cannabis-stop-the-adhd-epidemic/

Marijuana Affects Autism, But Not How You’d Think [Study] (news – 2013)  

ADDITION*

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

Delta9-tetrahydrocannabinol releases and facilitates the effects of endogenous enkephalins: reduction in morphine withdrawal syndrome without change in rewarding effect.  (abst – 2001)  

Chronic Morphine Modulates the Contents of the Endocannabinoid, 2-Arachidonoyl Glycerol, in Rat Brain  (full - 2003)  
http://www.nature.com/npp/journal/v28/n6/full/1300117a.html

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2943839/

Human cannabinoid receptor 1: 5' exons, candidate regulatory regions, polymorphisms, haplotypes and association with polysubstance abuse.  (full – 2004)  
http://www.nature.com/mp/journal/v9/n10/full/4001560a.html

Review of the Validity and Significance of Cannabis Withdrawal Syndrome  (full – 2004)  

Cannabis Abuse is Not a Risk Factor for Treatment Outcome in Methadone Maintenance Treatment: a 1-year Prospective Study in an Israeli Clinic.  (abst – 2004)  

Alcohol Consumption Moderates the Link Between Cannabis Use and Cannabis Dependence in an Internet Survey.  (abst – 2005)  
http://psycnet.apa.org/journals/ad/19/2/212/
Teen Drug Use Has Changed Little Since 1970s: Genetics, environment, nature of drug determine number of new users who become dependent. (news – 2005)

Confirming alcohol-moderated links between cannabis use and dependence in a national sample (abst – 2006)

http://www.harmreductionjournal.com/content/4/1/16

Lack of behavioral sensitization after repeated exposure to THC in mice and comparison to methamphetamine (full - 2007)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2637562/?tool=pubmed

The fatty acid amide hydrolase C385A (P129T) missense variant in cannabis users: studies of drug use and dependence in Caucasians (abst – 2007)

Buspirone, Fluoxetine May Counter Cannabis Use (news – 2007)

The endogenous cannabinoid system and drug addiction 20 years after the discovery of the CB1 receptor (full – 2008)

Merck Manual - Marijuana (Cannabis) (excerpt - 2008)
http://www.merckmanuals.com/professional/special_subjects/drug_use_and_dependence/marijuana_cannabis.html?qt=marijuana&alt=sh#v1027079

Study of 4000 indicates marijuana discourages use of hard drugs. (news – 2008)
http://www.csdp.org/publicservice/medicalmj08.htm

Calling B.S. on the Idea of 'Marijuana Addiction' (news – 2008)
http://www.alternet.org/drugs/80408/?page=entire

When Your Kid Smokes Pot (news – 2008)
http://mensnewsdaily.com/2010/08/08/when-your-kid-smokes-pot/

Adolescent Exposure to Chronic Delta-9-Tetrahydrocannabinol Blocks Opiate Dependence in Maternally Deprived Rats (full - 2009)
http://www.nature.com/npp/journal/v34/n11/full/npp200970a.html

The Surprising Effect Of Marijuana On Morphine Dependence (news - 2009)

Active Ingredient In Cannabis Eliminates Morphine Dependence In Rats (news - 2009)
Four percent of adults worldwide using cannabis  (news – 2009)
http://phys.org/news174892348.html

For pot users, visual and audible cues set off cravings  (news – 2009)

The use and misuse of alcohol and marijuana can be traced to a common set of genes

Medical marijuana users in substance abuse treatment.  (full – 2010)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2848643/?tool=pubmed

Teen Pot Smoking Won't Lead to Other Drugs as Adults  (news - 2010)

Aerobic Exercise Training Reduces Cannabis Craving and Use in Non-Treatment
Seeking Cannabis-Dependent Adults  (full – 2011)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3050879/?tool=pmcentrez

The Endocannabinoid System as Pharmacological Target Derived from Its CNS Role in
Energy Homeostasis and Reward. Applications in Eating Disorders and Addiction
(link to PDF - 2011)  http://www.mdpi.com/1424-8247/4/8/1101

Abuse potential and psychoactive effects of δ-9-tetrahydrocannabinol and cannabidiol
oromucosal spray (Sativex), a new cannabinoid medicine.  (abst – 2011)

Dronabinol for the treatment of cannabis dependence: a randomized, double-blind,
placebo-controlled trial.  (abst – 2011)
http://www.unboundmedicine.com/medline/ebm/record/21310551/abstract/Dronabinol_for_the_treatment_of_cannabis_dependence:_a_randomized_double_blind_placebo_controlled_trial

The genetic basis of the endocannabinoid system and drug addiction in humans
(abst – 2011)  http://jop.sagepub.com/content/early/2011/09/20/026988111416689

Exercise can reduce cannabis use in persons who don’t want to stop  (news – 2011)

Anandamide and 2-arachidonoylglycerol: Pharmacological Properties, Functional
Features, and Emerging Specificities of the Two Major Endocannabinoids

Medical marijuana laws in 50 states: Investigating the relationship between state
legalization of medical marijuana and marijuana use, abuse and dependence.


2-AG / 2-ARACHIDONOYLGLYCEROL - endocannabinoid, CB 2, CB 1 agonist

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


Endocannabinoids control spasticity in a multiple sclerosis model   (full - 2000)  http://www.fasebj.org/cgi/reprint/00-0399fjev1?maxtoshow=10&RESULTFORMAT=fulltext=cannabinisandsorexactfulltext=and&searchid=1&FIRSTINDEX=10&sortspec=relevance&resourcetype=HWCIT

Endocannabinoid 2-arachidonyl glycerol is a full agonist through human type 2 cannabinoid receptor: antagonism by anandamide.   (full – 2000)  http://molpharm.aspetjournals.org/content/57/5/1045.long

Endocannabinoids and Vascular Function   (full - 2000)  http://jpet.aspetjournals.org/content/294/1/27.long


Despite substantial degradation, 2-arachidonoylglycerol is a potent full efficacy agonist mediating CB(1) receptor-dependent G-protein activation in rat cerebellar membranes. (full – 2001)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1572991/?tool=pubmed

Endogenous cannabinoids mediate hypotension after experimental myocardial infarction  (full - 2001)  http://content.onlinejacc.org/cgi/content/full/38/7/2048?maxtoshow=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=560&resourcetype=HWCIT

Inhibition of Rat C6 Glioma Cell Proliferation by Endogenous and Synthetic Cannabinoids. Relative Involvement of Cannabinoid and Vanilloid Receptors  (full - 2001)  http://jpet.aspetjournals.org/content/299/3/951.full

Cannabinoid CB1-receptor mediated regulation of gastrointestinal motility in mice in a model of intestinal inflammation   (full - 2001)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1572987/?tool=pmcentrez
2-Arachidonyl glyceryl ether, an endogenous agonist of the cannabinoid CB1 receptor (full - 2001)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC31108/

Endocannabinoids are implicated in the infarct size-reducing effect conferred by heat stress preconditioning in isolated rat hearts (full – 2001)  
http://cardiovascres.oxfordjournals.org/content/55/3/619.full

The neurobiology and evolution of cannabinoid signalling (abst – 2001)  
http://rstb.royalsocietypublishing.org/content/356/1407/381.abstract

An endogenous cannabinoid (2-AG) is neuroprotective after brain injury. (abst - 2001)  

Sourcing the Code: Searching for the Evolutionary Origins of Cannabinoid Receptors, Vanilloid Receptors, and Anandamide (full – 2002)  

Activation of PAF receptors results in enhanced synthesis of 2-arachidonoylglycerol (2-AG) in immune cells (full - 2002)  
http://www.fasebj.org/cgi/content/full/15/12/2171?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=cannabis&andorexactfulltext=and&searchid=1&FIRSTINDEX=10&sortspec=relevance&resourcetype=HWCIT

The potent emetogenic effects of the endocannabinoid, 2-AG (2-arachidonoylglycerol) are blocked by delta(9)-tetrahydrocannabinol and other cannabinoids. (full – 2002)  
http://jpet.aspetjournals.org/content/300/1/34.long

Comparison of the enzymatic stability and intraocular pressure effects of 2-arachidonoylglycerol and noladin ether, a novel putative endocannabinoid. (full – 2002)  
http://www.iovs.org/content/43/10/3216.full

Endocannabinoid levels in rat limbic forebrain and hypothalamus in relation to fasting, feeding and satiation: stimulation of eating by 2-arachidonoyl glycerol. (full – 2002)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573386/?tool=pmcentrez

Changes in endocannabinoid contents in the brain of rats chronically exposed to nicotine, ethanol or cocaine. (abst – 2002)  

Endocannabinoids and related fatty acid derivatives in pain modulation. (abst – 2002)  

Endocannabinoids protect the rat isolated heart against ischaemia (full - 2003)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573907/?tool=pmcentrez

Chronic Morphine Modulates the Contents of the Endocannabinoid, 2-Arachidonoyl Glycerol, in Rat Brain (full - 2003)  
http://www.nature.com/npp/journal/v28/n6/full/1300117a.html
Role of Endogenous Cannabinoids in Synaptic Signaling (full - 2003)
http://physrev.physiology.org/cgi/content/full/83/3/1017?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=160&resourcetype=HWCIT

The Endogenous Cannabinoid System Regulates Seizure Frequency and Duration in a Model of Temporal Lobe Epilepsy (full - 2003)
http://jpet.aspetjournals.org/content/307/1/129.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=160&resourcetype=HWCIT

Manipulation of the endocannabinoid system by a general anaesthetic. (full – 2003)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573927/?tool=pubmed


The endocannabinoid system: a general view and latest additions (full - 2004)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1574255/?tool=pmcentrez

New perspectives in the studies on endocannabinoid and cannabis: 2-arachidonoylglycerol as a possible novel mediator of inflammation (full - 2004)
https://www.jstage.jst.go.jp/article/jphs/96/4/96_4_367/_pdf

2-Arachidonoylglycerol A Novel Inhibitor of Androgen-Independent Prostate Cancer Cell Invasion (full - 2004)
http://cancerres.aacrjournals.org/cgi/content/full/64/24/8826?ijkey=951f5f9d238bd059ef30ee2be3a5a31af2b094


A new class of inhibitors of 2-arachidonoylglycerol hydrolysis and invasion of prostate cancer cells (full – 2005) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1450257/

2-Arachidonoylglycerol, an endogenous cannabinoid receptor ligand, induces rapid actin polymerization in HL-60 cells differentiated into macrophage-like cells (full – 2005) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1134878/

Analgesia through endogenous cannabinoids (full - 2005)
http://www.cmaj.ca/cgi/content/full/173/4/357?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=endocannabinoid&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=date&resourcetype=HWCIT

CB1 cannabinoid receptor-mediated modulation of food intake in mice (full - 2005) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1576140/?tool=pmcentrez
Effects of cannabinoids on colonic muscle contractility and tension in guinea pigs. (full – 2005) [link]

Reduced endocannabinoid immune modulation by a common cannabinoid 2 (CB2) receptor gene polymorphism: possible risk for autoimmune disorders. (full – 2005) [link]

The endocannabinoid 2-AG protects the blood-brain barrier after closed head injury and inhibits mRNA expression of proinflammatory cytokines. (abst - 2005) [link]

Finding of endocannabinoids in human eye tissues: implications for glaucoma. (abst – 2005) [link]

Body's Own Marijuana-Like Compounds Are Crucial For Stress-Induced Pain Relief (news - 2005) [link]

Regulation, Function, and Dysregulation of Endocannabinoids in Models of Adipose and β-Pancreatic Cells and in Obesity and Hyperglycemia (full - 2006) [link]

Endocannabinoids, feeding and suckling – from our perspective (full – 2006) [link]

Not Too Excited? Thank Your Endocannabinoids (full - 2006) [link]

Experimental autoimmune encephalomyelitis disrupts endocannabinoid-mediated neuroprotection (full - 2006) [link]

Weight Control in Individuals With Diabetes (full - 2006) [link]

A new strategy to block tumor growth by inhibiting endocannabinoid inactivation. (full – 2006) [link]

Involvement of the Cannabinoid CB2 Receptor and Its Endogenous Ligand 2-Arachidonoylglycerol in Oxazolone-Induced Contact Dermatitis in Mice (full – 2006) [link]

Methods evaluating cannabinoid and endocannabinoid effects on gastrointestinal functions. (abst – 2006) [link]


The CB1 Cannabinoid Receptor Mediates Excitotoxicity-induced Neural Progenitor Proliferation and Neurogenesis (full - 2007) http://www.jbc.org/content/282/33/23892.full

Endocannabinoids and the haematological system (full - 2007) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190025/?tool=pmcentrez

Increased endocannabinoid levels reduce the development of precancerous lesions in the mouse colon (full - 2007) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2755791/?tool=pmcentrez

Diverse roles of 2-arachidonoylglycerol in invasion of prostate carcinoma cells: Location, hydrolysis and 12-lipoxygenase metabolism (full – 2007) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2565646/?tool=pubmed

Opposing Actions of Endocannabinoids on Cholangiocarcinoma Growth: RECRUITMENT OF Fas AND Fas LIGAND TO LIPID RAFTS (full – 2007) http://www.jbc.org/content/282/17/13098.full

Pharmacological enhancement of the endocannabinoid system in the nucleus accumbens shell stimulates food intake and increases c-Fos expression in the hypothalamus. (full – 2007) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2042935/?tool=pubmed

Cannabinoid-2 receptor mediates protection against hepatic ischemia/reperfusion injury (full - 2007) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2228252/?tool=pmcentrez

Endocannabinoids block status epilepticus in cultured hippocampal neurons (full - 2007) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2617750/?tool=pmcentrez

Chronologically overlapping occurrences of nicotine-induced anxiety- and depression-related behavioral symptoms: effects of anxiolytic and cannabinoid drugs (full - 2007) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2075518/?tool=pubmed

2-AG + 2 new players = forecast for therapeutic advances. (full – 2007)
CB2 receptors in the brain: role in central immune function  (full - 2007)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219530/?tool=pmcentrez

Opposing Actions of Endocannabinoids on Cholangiocarcinoma Growth  (full - 2007)  
http://www.jbc.org/content/282/17/13098.full

Endocannabinoids, cannabinoid receptors and inflammatory stress: an interview with Dr. Pál Pacher  (interview - 2007)  
http://www.jleukbio.org/cgi/content/full/82/6/1390?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=880&resourcetype=HWCIT

In Vitro Anticonvulsant Action of 2-Arachidonyl Glycerol  (abst – 2007)  
http://www.doaj.org/doaj?func=abstract&id=463469&q1=anandamide&f1=all&b1=and&q2=&f2=all&recNo=29&uiLanguage=en

Interactions of cannabidiol with endocannabinoid signalling in hippocampal tissue.  (abst – 2007)  

The endocannabinoids anandamide and 2-arachidonoylglycerol inhibit cholinergic contractility in the human colon.  (abst – 2007)  

The endocannabinoid system  (news – 2007)  
http://www.xagena.it/news/medicinenews_net_news/27e9efa7a852bcaa4d9fe0791d2d37b1.html

The cannabinoid CB1 receptor regulates bone formation by modulating adrenergic signaling.  (full - 2008)  
http://www.fasebj.org/cgi/content/full/22/1/285

Cannabinoids Inhibit HIV-1 Gp120-Mediated Insults in Brain Microvascular Endothelial Cells  (full - 2008)  
http://www.jimmunol.org/cgi/content/full/181/9/6406?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=160&resourcetype=HWCIT

Endocannabinoids enhance lipid synthesis and apoptosis of human sebocytes via cannabinoid receptor-2-mediated signaling.  (full – 2008)  
http://www.fasebj.org/content/22/10/3685.long

Role of activated endocannabinoid system in regulation of cellular cholesterol metabolism in macrophages  (full – 2008)  
http://cardiovascres.oxfordjournals.org/content/81/4/805.full?sid=7d2438c4-a727-410f-870d-4a971695b4fb

Endocannabinoid 2-Arachidonoylglycerol Protects Neurons by Limiting COX-2 Elevation  (full – 2008)  
http://www.jbc.org/content/283/33/22601.full
Endocannabinoids and nutrition. (full – 2008)  

Activating Parabrachial Cannabinoid CB1 Receptors Selectively Stimulates Feeding of Palatable Foods in Rats (full - 2008)  
http://www.jneurosci.org/cgi/content/full/28/39/9702?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT

Cannabinoid receptors and the regulation of bone mass (full - 2008)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219540/?tool=pmcentrez

Pharmacological Inhibition of CB1 Cannabinoid Receptor Protects Against Doxorubicin-Induced Cardiotoxicity (full - 2008) http://content.onlinejacc.org/cgi/content/full/50/6/528

Endocannabinoid Dysregulation in the Pancreas and Adipose Tissue of Mice Fed With a High-fat Diet (full - 2008)  
http://www.nature.com/oby/journal/v16/n3/full/oby2007106a.html

Endocannabinoids and the Control of Energy Homeostasis (full – 2008)  
http://www.jbc.org/content/283/48/33021.full?sid=931583b1-e797-43e0-8296-7fd75bb49403

The influence of mast cell mediators on migration of SW756 cervical carcinoma cells. (full – 2008)  
https://www.jstage.jst.go.jp/article/jphs/106/2/106_FP0070736/_pdf

Endocannabinoids and nutrition. (full – 2008)  

Increased endocannabinoid levels reduce the development of precancerous lesions in the mouse colon. (full – 2008)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2755791/?tool=pubmed

Mechanisms for Recycling and Biosynthesis of Endogenous Cannabinoids Anandamide and 2-Arachidonoylglycerol (full - 2008)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2581634/?tool=pmcentrez

Dysregulation of the endocannabinoid system in obesity. (abst – 2008)  

Dysregulation of peripheral endocannabinoid levels in hyperglycemia and obesity: Effect of high fat diets. (abst – 2008)  

Abnormalities in the cerebrospinal fluid levels of endocannabinoids in multiple sclerosis. (abst – 2008)  

Anandamide inhibits metabolism and physiological actions of 2-arachidonoylglycerol in the striatum. (abst – 2008)  

Gender-dependent cellular and biochemical effects of maternal deprivation on the hippocampus of neonatal rats: a possible role for the endocannabinoid system.
Understanding the effects of endogenous cannabinoids (news - 2008) 

Marijuana-Inspired Painkiller? New Chemical Pathway Discovered (news - 2008) 

LSUHSC research reports new method to protect brain cells from diseases like Alzheimer's (news – 2008) 

Endocannabinoids and cannabinoid analogues block cardiac hKv1.5 channels in a cannabinoid receptor-independent manner (full – 2009) 
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Is lipid signaling through cannabinoid 2 receptors part of a protective system? (full – 2011) [7]

Increasing endogenous 2-arachidonoylglycerol levels counteracts colitis and related systemic inflammation. (full – 2011) [8]

A novel CB receptor GPR55 and its ligands are involved in regulation of gut movement in rodents. (abst – 2011) [9]

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“THC Oil Is Saving The Life of My Sister” (anecdotal – 2011)
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BRAIN – MENTAL EFFECTS - see IQ/COGNITIVE EFFECTS/ MEMORY

BRAIN – PHYSICAL EFFECTS*


Anandamide uptake by synaptosomes from human, mouse and rat brain: inhibition by glutamine and glutamate  (full – 2002)  http://www.lipidworld.com/content/1/1/1


Effects of Alcohol and Combined Marijuana and Alcohol Use During Adolescence on Hippocampal Volume and Asymmetry  (full – 2006)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1821342/?tool=pubmed

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Cannabinoid receptors in brain: pharmacogenetics, neuropharmacology, neurotoxicology, and potential therapeutic applications  (abst – 2009)  

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Quantification of brain endocannabinoid levels: methods, interpretations and pitfalls  (full – 2010)  

Cannabidiol reduces lipopolysaccharide-induced vascular changes and inflammation in the mouse brain: an intravital microscopy study  (full – 2011)  
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Neural Circuit in the Dorsal Raphe Nucleus Responsible for Cannabinoid-Mediated Increases in 5-HT Efflux in the Nucleus Accumbens of the Rat Brain  (link to PDF – 2012)  
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The cannabinoid CB1 receptor biphasically modulates motor activity and regulates dopamine and glutamate release region dependently.  (abst – 2012)  

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The endocannabinoid 2-AG protects the blood-brain barrier after closed head injury and inhibits mRNA expression of proinflammatory cytokines.  (abst – 2005)  
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Anandamide, an endocannabinoid, protects neurons from inflammation after brain damage (news – 2006)

The CB1 Cannabinoid Receptor Mediates Excitotoxicity-induced Neural Progenitor Proliferation and Neurogenesis (full – 2007) http://www.jbc.org/content/282/33/23892.full

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The cannabinoid CB1 receptor regulates bone formation by modulating adrenergic signaling. (full – 2008) http://www.fasebj.org/cgi/content/full/22/1/285

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Enhancement of endocannabinoid signaling by fatty acid amide hydrolase inhibition: a neuroprotective therapeutic modality. (full – 2010)
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Site-specific and time-dependent activation of the endocannabinoid system after transection of long-range projections.  (full – 2012)

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Cannabidiol for neurodegenerative disorders: important new clinical applications for this this phytocannabinoid?  (abst – 2012)

Early Survival of Comatose Patients after Severe Traumatic Brain Injury with the Dual Cannabinoid CB1/CB2 Receptor Agonist KN38-7271: A Randomized, Double-Blind, Placebo-Controlled Phase II Trial.  (abst – 2012)

A cannabinoid type 2 receptor agonist attenuates blood-brain barrier damage and neurodegeneration in a murine model of traumatic brain injury.  (abst – 2012)


Type-1 (CB(1)) Cannabinoid Receptor Promotes Neuronal Differentiation and Maturation of Neural Stem Cells.  (full – 2013)


Interplay of cannabinoid 2 (CB2) receptors with nitric oxide synthases, oxidative and nitrative stress, and cell death during remote neurodegeneration  (abst – 2013)

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Born with the munchies  (news - 2000)  (may need registration)  http://www.newscientist.com/article/mg16722461.600-born-with-the-munchies.html


Endocannabinoids, feeding and suckling – from our perspective  (full – 2006)  http://www.nature.com/ijo/journal/v30/n1s/full/0803274a.html

Inhibition of milk ingestion and growth after administration of a neutral cannabinoid CB1 receptor antagonist on the first postnatal day in the mouse.  (abst - 2007)  http://www.ncbi.nlm.nih.gov/pubmed/17805201

Classical Values: Mothers Drugging Newborns  (news – 2009)


Excess of the endocannabinoid anandamide during lactation induces overweight, fat accumulation and insulin resistance in adult mice (full – 2012) http://www.dmsjournal.com/content/4/1/35


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Role of endocannabinoids and their analogues in obesity and eating disorders.
Elevated cannabinoid 1 receptor mRNA is linked to eating disorder related behavior and attitudes in females with eating disorders. (abst – 2009) http://www.ncbi.nlm.nih.gov/pubmed/19046818


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Brain Type 1 Cannabinoid Receptor Availability in Patients with Anorexia and Bulimia Nervosa. (abst – 2011) http://www.ncbi.nlm.nih.gov/pubmed/21718968


CANCER – ADRENAL CORTICAL

Medical Marijuana and Cancer, Adrenal Cortical (news – 2009)
CANCER – BASAL CELL CARCINOMA  - see CANCER – SKIN

CANCER – BLADDER / URETHRAL


Study claims marijuana tied to lower bladder cancer risk  (news – 2013)  

CANCER - BONE

Anandamide-induced Ca2+ elevation leading to p38 MAPK phosphorylation and subsequent cell death via apoptosis in human osteosarcoma cells.  (abst – 2007)  

Differential effects of repeated low dose treatment with the cannabinoid agonist WIN 55,212-2 in experimental models of bone cancer pain and neuropathic pain.  (abst - 2008)  

Reduction of bone cancer pain by activation of spinal cannabinoid receptor 1 and its expression in the superficial dorsal horn of the spinal cord in a murine model of bone cancer pain.  (full - 2009)  

Spinal and peripheral analgesic effects of the CB cannabinoid receptor agonist AM1241 in two models of bone cancer-induced pain.  (full - 2010)  
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A cannabinoid 2 receptor agonist attenuates bone cancer-induced pain and bone loss.  (abst - 2010)  

The endocannabinoid system and cancer: therapeutic implication  (full – 2011)  
Antinociceptive effect of intrathecal cannabinoid receptor agonist WIN 55,212-2 in a rat bone tumor pain model (abst – 2011)

Antinociceptive effects induced through the stimulation of spinal cannabinoid type 2 receptors in chronically inflamed mice (abst - 2011)
http://www.unboundmedicine.com/medline/ebm/record/21771590/abstract/Antinociceptive_effects_induced_through_the_stimulation_of_spinal_cannabinoid_type_2_receptors_in_chronically_inflamed_mice

The role of cannabinoids in prostate cancer: Basic science perspective and potential clinical applications. (full – 2012)
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**CANCER – BREAST**

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

Palmitoylethanolamide inhibits the expression of fatty acid amide hydrolase and enhances the anti-proliferative effect of anandamide in human breast cancer cells (full - 2001) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1222054/pdf/11485574.pdf?tool=pmcentrez

Antitumor Activity of Plant Cannabinoids with Emphasis on the Effect of Cannabidiol on Human Breast Carcinoma  (full - 2006)  [http://jpet.aspetjournals.org/content/318/3/1375.full](http://jpet.aspetjournals.org/content/318/3/1375.full)

9-Tetrahydrocannabinol Inhibits Cell Cycle Progression in Human Breast Cancer through Cdc2 Regulation  (full - 2006)  [http://cancerres.aacrjournals.org/cgi/content/full/66/13/6615](http://cancerres.aacrjournals.org/cgi/content/full/66/13/6615)


Cannabidiol as a novel inhibitor of Id-1 gene expression in aggressive breast cancer cells.  (full - 2007)  [http://mct.aacrjournals.org/content/6/11/2921.long](http://mct.aacrjournals.org/content/6/11/2921.long)


Marijuana Compound Shows Promise In Fighting Breast Cancer (news - 2007)

Cannabis compound may stop the spread of breast cancer cells (news - 2007)

Endocannabinoids in endocrine and related tumours (full - 2008)
http://erc.endocrinology-journals.org/cgi/reprint/15/2/391.pdf

The anandamide analog, Met-F-AEA, controls human breast cancer cell migration via the RHOA/RHO kinase signaling pathway. (full – 2008)
http://erc.endocrinology-journals.org/cgi/content/full/15/4/965


Delta(9)-tetrahydrocannabinol inhibits 17beta-estradiol-induced proliferation and fails to activate androgen and estrogen receptors in MCF7 human breast cancer cells. (full – 2008) http://ar.iiarjournals.org/content/28/1A/85.long

Cannabinoids for Cancer Treatment: Progress and Promise (full – 2008)
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JunD is involved in the antiproliferative effect of Delta(9)-tetrahydrocannabinol on human breast cancer cells (abst - 2008)

Cannabinoid receptor agonists inhibit growth and metastasis of breast cancer (abst - 2008)
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Inhibition of Breast Cancer Aggressiveness by Cannabidiol (abst - 2008)

Synthetic cannabinoid receptor agonists inhibit tumor growth and metastasis of breast cancer (full - 2009) http://mct.aacrjournals.org/content/8/11/3117.full

Phantom breast syndrome. (full – 2009)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2902108/?tool=pubmed


CXCR4-chemokine receptor and Cannabinoid Receptor 2 (CB2) heterodimerization suggests a mechanism for breast metastasis regulation (abst – 2009)
Cannabinoids reduce ErbB2-driven breast cancer progression through Akt inhibition (full - 2010)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2917429/?tool=pmcentrez

Interaction of drugs of abuse and maintenance treatments with human P-glycoprotein (ABCB1) and breast cancer resistance protein (ABCG2).  (abst – 2010)  

A role for L-alpha-lysophosphatidylinositol and GPR55 in the modulation of migration, orientation and polarization of human breast cancer cells. (abst - 2010)  

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Cannabidiol researchers discover the switch to turn off aggressive breast cancer gene (news - 2010)  

Medical marijuana news. Cannabidiol stops the spread of breast cancer.  (news - 2010)  

The endocannabinoid system and cancer: therapeutic implication  (full – 2011)  

Crosstalk between chemokine receptor CXCR4 and cannabinoid receptor CB2 in modulating breast cancer growth and invasion.  (full – 2011)  
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A role for L-alpha-lysophosphatidylinositol and GPR55 in the modulation of migration, orientation and polarization of human breast cancer cells.  (full – 2011)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2931574/?tool=pubmed

Cannabidiol induces programmed cell death in breast cancer cells by coordinating the crosstalk between apoptosis and autophagy.  (full – 2011)  
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Novel hexahydrocannabinol analogs as potential anti-cancer agents inhibit cell proliferation and tumor angiogenesis.  (abst – 2011)  

Pathways mediating the effects of cannabidiol on the reduction of breast cancer cell proliferation, invasion, and metastasis.  (abst – 2011)  

Omega-3 N-acylethanolamines are endogenously synthesised from omega-3 fatty acids in different human prostate and breast cancer cell lines.  (abst – 2011)  

Disease modification of breast cancer-induced bone remodeling by cannabinoid 2 receptor agonists.  (full – 2012)  

Cannabinoids: A new hope for breast cancer therapy?  (full - 2012)  
http://www.bbm1.ucm.es/cannabis/archivos/publicaciones/Caffarel%20Cancer%20Treat%20Rev%202012%20online.pdf

Anandamide inhibits the Wnt/β-catenin signalling pathway in human breast cancer MDA MB 231 cells  (abst – 2012)  
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Cannabidiolic acid, a major cannabinoid in fiber-type cannabis, is an inhibitor of MDA-MB-231 breast cancer cell migration.  (abst – 2012)  

Receptor-dependent and Receptor-independent Endocannabinoid Signaling: A Therapeutic Target for Regulation of Cancer Growth.  (abst – 2012)  

Marijuana compound could stop aggressive cancer metastasis  (news - 2012)  

Can marijuana stop cancer?  (news – 2012)  
http://www.examiner.com/article/can-marijuana-stop-cancer

Pot compound seen as tool against cancer  (news – 2012)  
http://www.sfgate.com/health/article/Pot-compound-seen-as-tool-against-cancer-3875562.php#page-1

Is Marijuana the Cancer Cure We’ve Waited For?  (news – 2012)  
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Marijuana And Cancer: Scientists Find Cannabis Compound Stops Metastasis In Aggressive Cancers  (news – 2012)
Cannabis Cures Cancer: Look at me, I’m Cancer Free!  
http://www.tokeofthetown.com/2012/10/cannabis_cures_cancer_look_at_me_im_cancer_free.php

Cannabinoids may be therapeutic in breast cancer.  
http://resources.metapress.com/pdf-preview.axd?code=b831165531850165&size=largest

Inhibition Of Fatty Acid Amide Hydrolase Activates Nrf2 Signaling And Induces Heme Oxygenase 1 Transcription In Breast Cancer Cells.  

Role of cannabinoid and vanilloid receptors in invasion of human breast carcinoma cells  

The effect of CBG (BDS) botanical cannabinoid extract on MCF-7 human breast carcinoma cells  
http://www.fasebj.org/cgi/content/meeting_abstract/27/1_MeetingAbstracts/1105.21?sid=eea722c0-971c-4daa-8b8c-38c0c63c19ad

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Fighting Cancer: Another Study Reveals the Cannabis and Cancer Link  
http://www.wakingtimes.com/2012/10/05/fighting-cancer-another-study-reveals-the-cannabis-and-cancer-link/

**CANCER - CERVICAL**

Arachidonyl ethanolamide induces apoptosis of uterine cervix cancer cells via aberrantly expressed vanilloid receptor-1  
http://science.iowamedicalmarijuana.org/pdfs/cancer/Contassot%202004.pdf

Marijuana Ingredients Slow Invasion by Cervical and Lung Cancer Cells  

The influence of mast cell mediators on migration of SW756 cervical carcinoma cells.  
http://jstage.jst.go.jp/article/jphs/106/2/106_FF0070736/_pdf

Inhibition of Cancer Cell Invasion by Cannabinoids via Increased Expression of Tissue Inhibitor of Matrix Metalloproteinases-1  
http://jnci.oxfordjournals.org/cgi/content/full/100/1/59
Marijuana use and cervical HPV/neoplasia (abst - 2008)  
http://www.infectagentscancer.com/content/4/S2/P15

R(+) -methanandamide-induced apoptosis of human cervical carcinoma cells involves a cyclooxygenase-2-dependent pathway. (abst – 2009)  


CANCER – CHEMOTHERAPY-  see CHEMOTHERAPY

CANCER – CHOLANGIOCARCINOMA

Opposing Actions of Endocannabinoids on Cholangiocarcinoma Growth (full - 2007) http://www.jbc.org/content/282/17/13098.full

The endocannabinoid anandamide inhibits cholangiocarcinoma growth via activation of the noncanonical Wnt signaling pathway (full - 2008) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2604798/?tool=pmcentrez

Emerging role of cannabinoids in gastrointestinal and liver diseases: basic and clinical aspects (abst – 2008) http://gut.bmj.com/content/57/8/1140.abstract

Opposing actions of endocannabinoids on cholangiocarcinoma growth is via the differential activation of Notch signaling. (full – 2010) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2872061/?tool=pubmed

Recent advances in the regulation of cholangiocarcinoma growth (full - 2010) http://ajpgi.physiology.org/content/299/1/G1.full


The novel cannabinoid receptor GPR55, inhibits cholangiocarcinoma growth (abst – 2011) http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/1117.3?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT
CANCER – COLON/COLORECTAL

Possible endocannabinoid control of colorectal cancer growth. (abst - 2003)
Possible endocannabinoid control of colorectal can... [Gastroenterology. 2003] - PubMed result

Inflammation and cancer IV. Colorectal cancer in inflammatory bowel disease: the role of inflammation. (full - 2004)
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CANCER – LYMPHOMA*

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**CBN/ CANNABINOL** - phytocannabinoid

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**CELIAC DISEASE**

Overactivity of the intestinal endocannabinoid system in celiac disease and in methotrexate-treated rats.  

Hemp: A replacement for common food allergens?  

Celiac Disease and Medical Marijuana  


**CEREBRAL PALSY***

Endocannabinoids potently protect the newborn brain against AMPA-kainate receptor-mediated excitotoxic damage. (full – 2006) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1751782/?tool=pubmed


**CESAMET** - see NABILONE

**CHARCOT-MARIE-TOOTH DISEASE**

CHEMICAL COMPOSITION*

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Advantages of polypharmaceutical herbal cannabis compared to single ingredient, synthetic tetrahydrocannabinol  (full - 2000)
http://cannabismovement.org/docs/cannabis%20terpenes.pdf

Development of a novel class of monocyclic and bicyclic alkyl amides that exhibit CB1 and CB2 cannabinoid receptor affinity and receptor activation.  (abst – 2000)

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Differential effects of medical marijuana based on strain and route of administration : A three-year observational study  (full - 2001)
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Cannabis and Cannabis Extracts: Greater Than the Sum of Their Parts?  (full - 2001)

The inheritance of chemical phenotype in Cannabis sativa L.  (full - 2002)

Cannabis / Marijuana ( Δ 9 -Tetrahydrocannabinol, THC)  (full - 2002)


Composition of the essential oils and extracts of two populations of Cannabis sativa L. ssp. spontanea from Austria  (full - 2003)
Cannabis: A source of useful pharma compounds neglected in India  (news - 2003)  

A chemotaxonomic analysis of cannabinoid variation in Cannabis (Cannabaceae)  
(full - 2004)  
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The gene controlling marijuana psychoactivity: molecular cloning and heterologous expression of Delta1-tetrahydrocannabinolic acid synthase from Cannabis sativa L.  
(full – 2004)  
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Comparative Proteomics of Cannabis sativa Plant Tissues  
(full - 2004)  

(+-)Cannabinol analogues which bind cannabinoid receptors but exert peripheral activity only.  
(abst – 2004)  

NMR assignments of the major cannabinoids and cannabiflavonoids isolated from flowers of Cannabis sativa  
(abst - 2004)  

Hemp-seed and olive oils: their stability against oxidation and use in O/W emulsions.  
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Chemical constituents of marijuana: the complex mixture of natural cannabinoids.  
(full – 2005)  

Plant cannabinoids: a neglected pharmacological treasure trove  
(full - 2005)  

Tetrahydrocannabinolic acid synthase, the enzyme controlling marijuana psychoactivity, is secreted into the storage cavity of the glandular trichomes.  
(abst – 2005)  

Flavonoid glycosides and cannabinoids from the pollen of Cannabis sativa L.  
(abst – 2005)  

Pharmacokinetics and cannabinoid action using oral cannabis extract  
(news - 2005)  

Cannabis confusions  
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Evaluation of herbal cannabis characteristics by medical users: a randomized trial  
(full - 2006)  


Identification and Characterization of Cannabinoids That Induce Cell Death through Mitochondrial Permeability Transition in Cannabis Leaf Cells (full – 2007) http://www.jbc.org/content/282/28/20739.full?sid=a5db98db-ff96-4187-8790-57097bbe15c1


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Effects of Gibberellic Acid on Primary Terpenoids and Delta-Tetrahydrocannabinol in Cannabis sativa at Flowering Stage. (abst - 2009)  
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http://www.shd.org.rs/JSCS/Vol75/No7/02_4595_4015.pdf

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QUALITY OF HEMP SEED OIL DEPENDING ON ITS OBTAINING (abst – 2010)  
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How Accurate is Potency Testing? (full – 2011)  
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Taming THC: potential cannabis synergy and phytocannabinoid-terpenoid entourage effects. (full - 2011)  
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Cannabis profiling based on its elemental composition--is it possible? (abst – 2011)
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A real-time PCR assay for the relative quantification of the tetrahydrocannabinolic acid (THCA) synthase gene in herbal Cannabis samples (abst – 2011)
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The cannabis genome: How hemp got high (news – 2011)
10 Questions To Ask Your Cannabis Scientist (news- 2011)
http://www.freedomisgreen.com/10-questions-to-ask-your-cannabis-scientist/

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Cannabis fractions: Separating cannabinoids from terpenoids (news – 2013)  

CHEMOTHERAPY*

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Cannabinoids for control of chemotherapy induced nausea and vomiting: quantitative systematic review   (full - 2001)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC34325/?tool=pubmed


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Cesamet, THC and chemotherapy   (news – 2006)

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Pot Compound May Offer “Non-Toxic” Alternative To Chemotherapy   (news – 2007)
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Pharmacological Inhibition of CB1 Cannabinoid Receptor Protects Against Doxorubicin-Induced Cardiotoxicity   (full - 2008) http://content.onlinejacc.org/cgi/content/full/50/6/528


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Cannabinoid 'Completely' Prevents Chemotherapy-Induced Neuropathy, Study Says (news – 2011)
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Marijuana component could ease pain from chemotherapy drugs (news – 2011)
Father: Medical marijuana eased pain of my cancer-battling son   (anecdotal – 2011)

Cannabinoid type-1 receptor reduces pain and neurotoxicity produced by chemotherapy.  
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suppressed by cannabinoid CB2 receptor activation and independent of CXCR4 signaling 
in models of chemotherapy-induced peripheral neuropathy   (full – 2012)  
http://www.molecularpain.com/content/8/1/71

Therapeutic utility of palmitoylethanolamide in the treatment of neuropathic pain 
associated with various pathological conditions: a case series   (full – 2012)  
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Cannabinoids in the treatment of chemotherapy-induced nausea and vomiting.  

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Cannabinoid Type 2 Receptor System   (abst – 2012)  
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Additive antiemetic efficacy of Δ⁹-THC with vanilloid TRPV1 receptor agonists in the least shrew (Cryptotis parva)  (abst - 2013)
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**CHILDREN/YOUNG ADULTS**

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

Cannabis use falls among Dutch youth  (abst - 2000)  
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Maternal use of cannabis and pregnancy outcome.  (abst – 2002)  

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Medical marijuana: a surprising solution to severe morning sickness (news - 2004) 
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Teens in Recovery Drop Drugs but Add Pounds (news – 2005) 

Teen Drug Use Has Changed Little Since 1970s : Genetics, environment, nature of drug determine number of new users who become dependent. (news – 2005) 

Endocannabinoids potently protect the newborn brain against AMPA-kainate receptor-mediated excitotoxic damage (full - 2006) 
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The Mental Health Risks of Adolescent Cannabis Use (full - 2006) 

Moderate cannabis use not harmful to the brain of adolescents, M R I study finds  (news - 2006)  

Oily fish makes 'babies brainier'  (news - 2006)   (hemp seed- at the end)  
http://news.bbc.co.uk/2/hi/health/4631006.stm

Cannabis is a First-Line Treatment for Childhood Mental Disorders  (news - 2006)  
http://www.counterpunch.org/2006/07/08/cannabis-is-a-first-line-treatment-for-childhood-mental-disorders/

Dreher's Jamaican Pregnancy Study   (news - 2006)  
http://www.november.org/stayinfo/breaking06/DreherStudy.html

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Accidental cannabis poisoning in children: experience of the Marseille poison center (abst – 2009)  

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Long-term consequences of URB597 administration during adolescence on cannabinoid CB1 receptor binding in brain areas. (abst – 2009)  

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http://marijuana.researchtoday.net/archive/8/10/4782.htm


What An Expectant Mother Eats Affects Children’s Psychology in Later Life (news – 2011)


Acute Intoxication Caused by a Synthetic Cannabinoid in Two Adolescents (full – 2012) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3470439/


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**DRUG TESTING – BREATH TEST**

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DYSTONIA*

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(full - 2002)  
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Experiences with THC-treatment in children and adolescents  
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Medicinal Marijuana: A Patient-Driven Phenomenon (anecdotal/news - 2010)

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ENDOMETRIOSIS

Bipolar Disorder and Endometriosis by Anonymous  
(anecdotal – undated)  
http://rxmarijuana.com/shared_comments/Endometriosis4.htm

Endometriosis by Kim  
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Selective CB2 up-regulation in women affected by endometrial inflammation  
(abst – 2008)  
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Effect of palmitoylethanolamide-polydatin combination on chronic pelvic pain associated with endometriosis: preliminary observations.  
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Antiproliferative effects of cannabinoid agonists on deep infiltrating endometriosis.  
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Endocannabinoid involvement in endometriosis.  
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Cannabinoïds May Provide Treatment for Endometriosis (news – 2011)  
http://greencrosscenter.com/marijuana-card-doctor/2011/10/cannabinoids-may-provide-treatment-for-endometriosis/

Antiproliferative Effects of Cannabinoid Agonists on Deep Infiltrating Endometriosis (full – 2012)  
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Δ9-Tetrahydrocannabinol and N-arachidonyl glycine are full agonists at GPR18 receptors and induce migration in human endometrial HEC-1B cells (full – 2012)  

Progesterone-dependent regulation of endometrial cannabinoid receptor type 1 (CB1-R) expression is disrupted in women with endometriosis and in isolated stromal cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). (abst – 2012)  

The molecular connections between the cannabinoid system and endometriosis (abst – 2012)  

β-Caryophyllene causes regression of endometrial implants in a rat model of endometriosis without affecting fertility. (abst – 2013)  

**EPIDIDYMITIS**

Medical Marijuana and Epididymitis (news – 2009)  
https://www.marijuanadetractors.com/content/ailments/view/142?ailment=epididymitis

**EPILEPSY/SEIZURES**

Marijuana and Epilepsy (anecdotal- undated)  
http://www.rxmarihuana.com/epilepsy.htm

Treatment with CBD in oily solution of drug-resistant paediatric epilepsies. (full - 2001)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=173&&search_pattern=EPILEPSY

Therapeutic Aspects of Cannabis and Cannabinoids (full - 2001)  


The Endogenous Cannabinoid System Regulates Seizure Frequency and Duration in a Model of Temporal Lobe Epilepsy (full - 2003) http://jpet.aspetjournals.org/content/307/1/129.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=160&resourcetype=HWCIT


Cannabinoids: Defending the Epileptic Brain (full - 2004) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1176332/?tool=pmcentrez


Epilepsy patients are smoking pot (news - 2004) http://www.safeaccessnow.org/article.php?id=1638


Forebrain-Specific Inactivation of Gq/G11 Family G Proteins Results in Age-Dependent Epilepsy and Impaired Endocannabinoid Formation (full - 2006)  
[http://mcb.asm.org/cgi/content/full/26/15/5888?maxtoshow=&amp;hits=80&amp;RESULTFORMAT=&amp;fulltext=endocannabinoid&amp;searchid=1&amp;FIRSTINDEX=1360&amp;resourcetype=HWCIT](http://mcb.asm.org/cgi/content/full/26/15/5888?maxtoshow=&amp;hits=80&amp;RESULTFORMAT=&amp;fulltext=endocannabinoid&amp;searchid=1&amp;FIRSTINDEX=1360&amp;resourcetype=HWCIT)

The Endocannabinoid System Controls Key Epileptogenic Circuits in the Hippocampus (full - 2006)  
[http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1769341/?tool=pmcentrez](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1769341/?tool=pmcentrez)

Cannabinoid CB1 receptor antagonists cause status epilepticus-like activity in the hippocampal neuronal culture model of acquired epilepsy (full - 2006)  
[http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1808496/?tool=pmcentrez](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1808496/?tool=pmcentrez)

Activation of the Cannabinoid Type-1 Receptor Mediates the Anticonvulsant Properties of Cannabinoids in the Hippocampal Neuronal Culture Models of Acquired Epilepsy and Status Epilepticus (full - 2006)  
[http://jpet.aspetjournals.org/content/317/3/1072.full?maxtoshow=&amp;hits=80&amp;RESULTFORMAT=&amp;fulltext=cannabinoid&amp;searchid=1&amp;FIRSTINDEX=320&amp;resourcetype=HWCIT#ref-list-1](http://jpet.aspetjournals.org/content/317/3/1072.full?maxtoshow=&amp;hits=80&amp;RESULTFORMAT=&amp;fulltext=cannabinoid&amp;searchid=1&amp;FIRSTINDEX=320&amp;resourcetype=HWCIT#ref-list-1)

Cannabinoids In Medicine: A Review Of Their Therapeutic Potential (full – 2006)  

Arachidonyl-2’-chloroethylamide, a highly selective cannabinoid CB1 receptor agonist, enhances the anticonvulsant action of valproate in the mouse maximal electroshock-induced seizure model. (abst – 2006)  

Brain's Cannabinoid System 'Mellows' Seizures  (news - 2006)  

Brain's cannabinoid system fights seizures  (news – 2006)  

Development of pharmacoresistance to benzodiazepines but not cannabinoids in the hippocampal neuronal culture model of status epilepticus (full - 2007)  
[http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2094113/?tool=pmcentrez](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2094113/?tool=pmcentrez)

Endocannabinoids block status epilepticus in cultured hippocampal neurons (full - 2007)  
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Downregulation of the CB1 Cannabinoid Receptor and Related Molecular Elements of the Endocannabinoid System in Epileptic Human Hippocampus (full - 2007)  
[http://www.jneurosci.org/cgi/content/full/28/12/2976?maxtoshow=&amp;hits=80&amp;RESULTFORMAT=&amp;fulltext=endocannabinoid&amp;andorexactfulltext=and&amp;searchid=1&amp;FIRSTINDEX=0&amp;sortspec=relevance&amp;resourcetype=HWCIT](http://www.jneurosci.org/cgi/content/full/28/12/2976?maxtoshow=&amp;hits=80&amp;RESULTFORMAT=&amp;fulltext=endocannabinoid&amp;andorexactfulltext=and&amp;searchid=1&amp;FIRSTINDEX=0&amp;sortspec=relevance&amp;resourcetype=HWCIT)

Marijuana: an effective antiepileptic treatment in partial epilepsy?  (abst - 2007)  
Ultra-low dose cannabinoid antagonist AM251 enhances cannabinoid anticonvulsant effects in the pentylenetetrazole-induced seizure in mice.  (abst – 2007)

In Vitro Anticonvulsant Action of 2-Arachidonoyl Glycerol  (abst – 2007)
http://www.doaj.org/doaj?func=abstract&id=463469&q1=anandamide&f1=all&b1=and&q2=&f2=all&recNo=29&uiLanguage=en

Rimonabant: safety issues  (news – 2007)
http://www.xagena.it/news/medicinenews_net_news/09a11be6989d5a0e438dd9e589210a79.html

The phytocannabinoid Delta(9)-tetrahydrocannabivarin modulates inhibitory neurotransmission in the cerebellum.  (full – 2008)
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The cannabinoid anticonvulsant effect on pentylenetetrazole-induced seizure is potentiated by ultra-low dose naltrexone in mice  (abst – 2008)

The effects of intracerebroventricular AM-251, a CB1-receptor antagonist, and ACEA, a CB1-receptor agonist, on penicillin-induced epileptiform activity in rats.  (full – 2009)  

Prolonged exposure to WIN55,212-2 causes downregulation of the CB1 receptor and the development of tolerance to its anticonvulsant effects in the hippocampal neuronal culture model of acquired epilepsy.  (full – 2009)
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Effect of arachidonyl-2'-chloroethylamide, a selective cannabinoid CB1 receptor agonist, on the protective action of the various antiepileptic drugs in the mouse maximal electroshock-induced seizure model.  (abst – 2009)

Involvement of nitrergic system in the anticonvulsant effect of the cannabinoid CB(1) agonist ACEA in the pentylenetetrazole-induced seizure in mice.  (abst – 2009)

Medical Marijuana and Epilepsy  (news – 2009)
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Cannabidiol Displays Antiepileptiform and Antiseizure Properties In Vitro and In Vivo  (full - 2010)  
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Cannabinoid-mediated inhibition of recurrent excitatory circuitry in the dentate gyrus in a mouse model of temporal lobe epilepsy.  (full – 2010)
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AAV vector-mediated overexpression of CB1 cannabinoid receptor in pyramidal neurons of the hippocampus protects against seizure-induced excitotoxicity. (full – 2010)  
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Delta-Tetrahydrocannabivarin suppresses in vitro epileptiform and in vivo seizure activity in adult rats. (abst - 2010)  

Anticonvulsant effects of GWP42006 in vitro and in vivo in rat (abst - 2010)  

Dynamic changes of CB1-receptor expression in hippocampi of epileptic mice and humans. (abst – 2010)  

Endocannabinoid system protects against cryptogenic seizures. (full – 2011)  

Redistribution of CB1 Cannabinoid Receptors in the Acute and Chronic Phases of Pilocarpine-Induced Epilepsy (full – 2011)  
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Convulsions Associated with the Use of a Synthetic Cannabinoid Product. (full – 2011)  
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Pro-epileptic effects of the cannabinoid receptor antagonist SR141716 in a model of audiogenic epilepsy. (abst – 2011)  

Synthetic cannabinoid WIN 55,212-2 mesylate enhances the protective action of four classical antiepileptic drugs against maximal electroshock-induced seizures in mice. (abst – 2011)  
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Protective effects of CB1 receptor agonist WIN 55,212-2 in seizure activity in the model of temporal lobe epilepsy (abst – 2011)  
http://www.unboundmedicine.com/medline/ebm/record/21469332/abstract/%5BProtective_effects_of_CB1_receptor_agonist_WIN_55_212_2_in_seizure_activity_in_the_model_of_temporal_lobe_epilepsy%5D

L-Type Calcium Channel Mediates Anticonvulsant Effect of Cannabinoids in Acute and Chronic Murine Models of Seizure. (abst – 2011)  

Changes in the cannabinoid (CB1) receptor expression level and G-protein activation in kainic acid induced seizures. (abst – 2011)  

In vivo activation of endocannabinoid system in temporal lobe epilepsy with hippocampal sclerosis. (abst – 2011)  


Cannabis could be used to treat epilepsy (news – 2011) http://www.telegraph.co.uk/science/science-news/8440303/Cannabis-could-be-used-to-treat-epilepsy.html


Inverse relationship of cannabimimetic (R+)WIN 55, 212 on behavior and seizure threshold during the juvenile period. (abst – 2012) http://www.ncbi.nlm.nih.gov/pubmed/22019959


Inverse relationship of cannabimimetic (R+)WIN 55, 212 on behavior and seizure threshold during the juvenile period  (abst – 2012)  http://www.ncbi.nlm.nih.gov/pubmed/22019959


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The du2J mouse model of ataxia and absence epilepsy has deficient cannabinoid CB1 receptor-mediated signalling. (abst – 2013)
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CB1 agonists, locally applied to the cortico-thalamic circuit of rats with genetic absence epilepsy, reduce epileptic manifestations. (abst – 2013)

Science/Animal: CBD inhibits the activity of a certain liver enzyme (news – 2013)

Cannabis Anti-Convulsant Shakes up Epilepsy Treatment (news – 2013)
http://www.thecompassionchronicles.com/2013/01/26/cannabis-anti-convulsant-shakes-up-epilepsy-treatment/

New cannabis discovery could lead to better treatments for epilepsy (news – 2013)
http://www.reading.ac.uk/news-and-events/releases/PR464765.aspx

Parents of epileptic N.J. tot lament medical marijuana delays (news – 2013)

Medical Marijuana for Kids? Some Praise Results While Others Worry About Risks (news – 2013)
http://www.cnbc.com/id/100876423

New therapy for fragile X chromosome syndrome discovered (news – 2013)
http://www.sciencedcodex.com/new_therapy_for_fragile_x_chromosome_syndrome_discovered-110170

Charlotte’s Web Of Suffering: Six-Year-Old Colorado Girl With Dravet Syndrome Finds Relief From Marijuana High In CBD (news – 2013)

Toronto family hopes for access to controversial treatment to cure baby’s rare epilepsy (news – 2013)

New Study: Cannabinoids Protect the Brain and Heart From Injury (news – 2013)
EXERCISE and the ENDOCANNABINOID SYSTEM*

Exercise activates the endocannabinoid system. (abst – 2004)

Runner's High (news – 2004)
http://www.runnersworld.com/article/0%2C7120%2Cs6-243-297--1102-0%2C00.html

Study links marijuana buzz to 'runner's high' (news – 2004)

Voluntary Exercise and Sucrose Consumption Enhance Cannabinoid CB1 Receptor Sensitivity in the Striatum (full – 2009)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3055381/?tool=pubmed

Aerobic Exercise Training Reduces Cannabis Craving and Use in Non-Treatment Seeking Cannabis-Dependent Adults (full – 2011)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3050879/?tool=pmcentrez

Adipose tissue endocannabinoid system gene expression: depot differences and effects of diet and exercise (full – 2011)
http://www.lipidworld.com/content/10/1/194

Effects of exercise stress on the endocannabinoid system in humans under field conditions. (abst – 2011)

Naloxone and rimonabant reduce the reinforcing properties of exercise in rats. (abst – 2011)

Intense exercise increases circulating endocannabinoid and BDNF levels in humans—Possible implications for reward and depression (abst – 2011)
http://www.psyneuen-journal.com/article/PIIS0306453011002873/abstract?rss=yes

Exercise can reduce cannabis use in persons who don’t want to stop (news – 2011)

The role of the endocannabinoid system in skeletal muscle and metabolic adaptations to exercise: potential implications for the treatment of obesity. (abst – 2012)

Wired to run: exercise-induced endocannabinoid signaling in humans and cursorial mammals with implications for the 'runner's high'. (abst – 2012)

Exercise-induced endocannabinoid signaling is modulated by intensity. (abst – 2012)
The role of the endocannabinoid system in skeletal muscle and metabolic adaptations to exercise: potential implications for the treatment of obesity  

Ventral Tegmental Area Cannabinoid Type-1 Receptors Control Voluntary Exercise Performance.  

'Runner's High' may have played role in evolutionary history of humans  
http://in.news.yahoo.com/runners-high-may-played-role-evolutionary-history-humans-105030765.html

It hurts so good: the runner’s high  
http://blogs.scientificamerican.com/scicurious-brain/2012/03/12/it-hurts-so-good-the-runners-high/

Why resolutions about taking up physical activity are hard to keep.  
http://www.thefreelibrary.com/Why+resolutions+about+taking+up+physical+activity+are+hard+to+keep.-a0313904638

London Zoo: No runner’s high for ferrets  

Do Dogs Get Runner's High?  

FAMILIAL MEDITERRANEAN FEVER – Pre-2000 List

FERTILITY/ SEXUAL FUNCTION*

Hemp Packs in Powerful Source of Preconception Nutrition  

Inhibitory effects of the cannabinoid agonist HU 210 on rat sexual behaviour.  
(abst – 2000)  

Dysregulated Cannabinoid Signaling Disrupts Uterine Receptivity for Embryo Implantation  
(full - 2001)  
http://www.jbc.org/content/276/23/20523.full

Cannabis-induced Koro in Americans.  
(abst – 2001)  

Contrasting effects of WIN 55212-2 on motility of the rat bladder and uterus.
N-Acylethanolamines in human reproductive fluids. (abst – 2002)  

Endocannabinoids, hormone-cytokine networks and human fertility (abst - 2002)  

http://jcem.endojournals.org/cgi/content/full/89/11/5482?ijkey=5e8ec5690352ba9f6b990355b2ed69b1d2e58a5b

The endocrinological basis of recurrent miscarriages. (abst – 2005)  

Stage-variations of anandamide hydrolase activity in the mouse uterus during the natural oestrus cycle (full - 2006)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1440866/?tool=pubmed

Jekyll and Hyde: Two Faces of Cannabinoid Signaling in Male and Female Fertility (full - 2006)  
http://edrv.endojournals.org/cgi/content/full/27/5/427?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=1120&resourcetype=HWCIT

The impact of obesity on reproduction in women with polycystic ovary syndrome. (full – 2006)  

Acomplia may be dangerous for women of reproductive age (news – 2006)  
http://www.xagena.it/news/medicinenews_net_news/1ef4c899cd6f0d5cae3a2ea3a91adc1c.html

Marijuana Improves Fertility in Tobacco Smokers (news – 2006)  

Synthetic Cannabinoid May Aid Fertility In Smokers (news - 2006)  
http://www.medicalnewstoday.com/articles/58063.php

Cannabis-based boost for smokers' suffering sperm (may need registration)  

Marijuana-like Chemical Can Restore Sperm Function Lost to Tobacco Abuse (news - 2006)  
http://www.rxpgnews.com/specialtopics/article_5093.shtml

The role of the endocannabinoid system in gametogenesis, implantation and early pregnancy (full - 2007)  
http://humupd.oxfordjournals.org/cgi/content/full/13/5/501?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=960&resourcetype=HWCIT
Cannabinoid CB1 receptors in the paraventricular nucleus and central control of penile erection: immunocytochemistry, autoradiography and behavioral studies  (abst – 2007)  

Effect of Endocannabinoid System on the Neurogenic Function of Rat Corpus Cavernosum  (abst – 2007)  
http://www.doaj.org/doaj?func=abstract&id=1150200&q1=endocannabinoid%20system&f1=all&b1=and&q2=&f2=all&recNo=26&uiLanguage=en

Loss of Cannabinoid Receptor CB1 Induces Preterm Birth  (full - 2008)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2553193/?tool=pmcentrez

Expression of the Endocannabinoid System in Human First Trimester Placenta and Its Role in Trophoblast Proliferation  (full – 2008)  
http://endo.endojournals.org/content/149/10/5052.full?sid=f5b14012-9fbe-4f10-890c-386313060cf8

CB2 receptors in reproduction  (full - 2008)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219526/

Effect of biliary cirrhosis on nonadrenergic noncholinergic-mediated relaxation of rat corpus cavernosum: Role of nitric oxide pathway and endocannabinoid system  (abst – 2008)  
http://www.doaj.org/doaj?func=abstract&id=859538&q1=anandamide&f1=all&b1=and&q2=&f2=all&recNo=24&uiLanguage=en

Interplay between endocannabinoids, steroids and cytokines in the control of human reproduction.  (abst - 2008)  

Localisation and Function of the Endocannabinoid System in the Human Ovary  (full - 2009)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2640464/?tool=pmcentrez

Spatio-temporal expression patterns of anandamide-binding receptors in rat implantation sites: evidence for a role of the endocannabinoid system during the period of placental development  (full – 2009)  
http://www.rbej.com/content/7/1/121

The endocannabinoid system in bull sperm and bovine oviductal epithelium: role of anandamide in sperm-oviduct interaction.  (full - 2009)  
http://www.reproduction-online.org/cgi/content/full/137/3/403

The endocannabinoid 2-arachidonoylglycerol promotes sperm developement through activation of cannabinoid-2 receptors  (abst – 2009)  

The endocannabinoid system: an ancient signaling involved in the control of male fertility.  (abst – 2009)  

Cannabinoid/Endocannabinoid signaling impact on early pregnancy events.  (abst - 2009)  
Medical Marijuana and Prostatitis    (news – 2009)
https://www.marijuanadoctors.com/content/ailments/view/157?ailment=prostatitis

Characterization of the Endocannabinoid System in Human Spermatozoa and Involvement of Transient Receptor Potential Vanilloid 1 Receptor in Their Fertilizing Ability    (full – 2010)
http://endo.endojournals.org/content/150/10/4692.full?sid=f5b14012-9fbc-4f10-890c-386313060cf8

N-Acylethanolamine Levels and Expression of Their Metabolizing Enzymes during Pregnancy    (full – 2010)  http://endo.endojournals.org/content/151/8/3965.full


Endocannabinoids and Human Sperm Cells    (link to PDF - 2010)  http://www.mdpi.com/1424-8247/3/10/3200


Anandamide capacitates bull spermatozoa through CB1 and TRPV1 activation.    (full – 2011)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3037938/?tool=pubmed


Anandamide Induces Sperm Release from Oviductal Epithelia through Nitric Oxide Pathway in Bovines.  (full – 2012)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3281848/?tool=pubmed

Long-term use of HU210 adversely affects spermatogenesis in rats by modulating the endocannabinoid system.  (abst – 2012)  

Endocannabinoid signaling in female reproduction.  (abst – 2012)  

Anandamide Transforms Noncopulating Rats into Sexually Active Animals.  
(abst – 2012)  

Impact of reference gene selection for type 2 cannabinoid receptor gene expression studies in human spermatozoa  
(abst – 2012)  

Anandamide regulates the expression of GnRH1, GnRH2, and GnRH-Rs in frog testis  
(abst – 2012)  

Ectopic pregnancy is associated with high anandamide levels and aberrant expression of FAAH and CB1 in fallopian tubes.  
(abst – 2012)  

Minireview: Endocannabinoids and Gonadal Hormones: Bidirectional Interactions in Physiology and Behavior  
(abst – 2012)  
http://endo.endojournals.org/content/153/3/1016.abstract?sid=f9729eff-d221-42d4-81d8-8545db5df878

Uncovering a role for endocannabinoid signaling in autophagy in preimplantation mouse embryos  
(abst – 2012)  
http://molehr.oxfordjournals.org/content/19/2/93.abstract

The role of endocannabinoids in gonadal function and fertility along the evolutionary axis.  
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Long-term use of HU210 adversely affects spermatogenesis in rats by modulating the endocannabinoid system  
(abst – 2012)  

Impact of reference gene selection for type 2 cannabinoid receptor gene expression studies in human spermatozoa  
(abst – 2012)  

(abst – 2013)  
http://www.ncbi.nlm.nih.gov/pubmed/23372171

Sexuality, heart and chocolate  
(abst – 2013)  


FEVER/ TEMPERATURE CONTROL *

CB1 Receptors in the Preoptic Anterior Hypothalamus Regulate WIN 55212-2 [(4,5-Dihydro-2-methyl-4(4-morpholinylmethyl)-1-(1-naphthalenyl-carbonyl)-6H-pyrrolo[3,2,1ij]quinolin-6-one]-Induced Hypothermia (full - 2002) http://jpet.aspetjournals.org/content/301/3/963.full

Drug-Induced Hypothermia Reduces Ischemic Damage (full - 2003) http://stroke.ahajournals.org/cgi/content/full/34/8/2000?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&resourcetype=HWCIT


A Novel Role of Cannabinoids: Implication in the Fever Induced by Bacterial Lipopolysaccharide (full - 2007) http://jpet.aspetjournals.org/cgi/content/full/320/3/1127

Effects of a Selective Cannabinoid Agonist and Antagonist on Body Temperature in Rats (abst - 2007) http://www.fasebj.org/cgi/content/meeting_abstract/21/5/A409?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=800&resourcetype=HWCIT

Behavioral and temperature effects of delta 9-tetrahydrocannabinol in human-relevant doses in rats  (full - 2008)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2613277/?tool=pmcentrez

Endogenous cannabinoids induce fever through the activation of CB1 receptors.  (full – 2009) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2765314/?tool=pubmed

Pharmacologically induced hypothermia with cannabinoid receptor agonist WIN55, 212-2 after cardiopulmonary resuscitation  (abst – 2010)
http://journals.lww.com/ccmjournals/Abstract/2010/12000/Pharmacologically_induced_hypothermia_with.2.aspx

Contribution of Hypothermia and CB(1) Receptor Activation to Protective Effects of TAK-937, a Cannabinoid Receptor Agonist, in Rat Transient MCAO Model.  (full – 2012) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3397930/?tool=pubmed


Determination of naphthalen-1-yl-(1-pentyllindol-3-yl)methanone (JWH-018) in mouse blood and tissue after inhalation exposure to ‘buzz’ smoke by HPLC/MS/MS  (abst – 2012) http://onlinelibrary.wiley.com/doi/10.1002/bmc.2710/abstract


Tolerance and cross-tolerance among high-efficacy synthetic cannabinoids JWH-018 and JWH-073 and low-efficacy phytocannabinoid Δ9-THC  (abst – 2013)
http://www.fasebj.org/cgi/content/meeting_abstract/27/1_MeetingAbstracts/1097.1?sid=eea722c0-971c-4d3a-8b8c-38c063e19ad

Cannabinoid (CB)1 receptors are critical for the innate immune response to TLR4 stimulation.  (abst – 2013) http://www.ncbi.nlm.nih.gov/pubmed/23739343

FIBROMYALGIA

Cannabis Sativa (Marijuana) for Fibromyalgia (list - undated)
Cannabis for Chronic Pain: Case Series and Implications for Clinicians (abst - 2002)
http://www.prohealth.com/library/showArticle.cfm?libid=8711

Clinical Endocannabinoid Deficiency (full - 2004)

Fibromyalgia, IBS, and the Endocannabinoid-CB-Receptor (ECBR) system (abst - 2004)
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**HERPES VIRUS**

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**HORMONES**


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**HYPEREMESIS** – see **CANNABINOID HYPEREMESIS**
HUMAN ENDOCANNABINOID SYSTEM GENETICS


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COMT val158met and 5-HTTLPR genetic polymorphisms moderate executive control in cannabis users   (abst – 2013)  

AM281, Cannabinoid Antagonist/Inverse agonist, Ameliorates Scopolamine-Induced Cognitive Deficit.   (abst – 2013)  

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Outbreak of kidney failure in Wyoming linked to "Spice" (news – 2012) http://www.reuters.com/article/2012/03/03/us-spice-illness-wyoming-idUSTRE82204T20120303


Acute Kidney Injury Associated with Synthetic Cannabinoid Use — Multiple States, 2012 (report – 2013) http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6206a1.htm


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

Are Cannabinoid Receptor Knockout Mice Animal Models for Schizophrenia?

Increased Severity of Stroke in CB1 Cannabinoid Receptor Knock-Out Mice  (full - 2002)  http://www.jneurosci.org/cgi/content/full/22/22/9771?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&resourcetype=HWCIT#Top


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CB1 cannabinoid receptor knockout in mice leads to leanness, resistance to diet-induced obesity and enhanced leptin sensitivity  (full - 2004)  http://www.nature.com/ijo/journal/v28/n4/full/0802583a.html


Ethanol Induces Higher Bec in Cb1 Cannabinoid Receptor Knockout Mice While Decreasing Ethanol Preference.  (full – 2005)  http://alcalc.oxfordjournals.org/content/40/1/54.long

Early age-related cognitive impairment in mice lacking cannabinoid CB1 receptors.  (full – 2005)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1266095/?tool=pubmed

Cannabinoid-receptor 1 null mice are susceptible to neurofilament damage and caspase 3 activation.  (abst – 2005)  http://www.ncbi.nlm.nih.gov/pubmed/15953683

Involvement of Neuronal Cannabinoid Receptor CB1 in Regulation of Bone Mass and Bone Remodeling  (full - 2006)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2238031/?tool=pmcentre
Loss of Cannabinoid Receptor CB1 Induces Preterm Birth (full - 2008)  
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The peripheral cannabinoid receptor knockout mice: an update. (full – 2008)  
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Involvement of central cannabinoid CB2 receptor in reducing mechanical allodynia in a mouse model of neuropathic pain (abst – 2008)  

Turned-Off Cannabinoid Receptor Turns On Colorectal Tumor Growth (news - 2008)  
http://www.sciencedaily.com/releases/2008/08/080801074056.htm

Altered CB1 receptor and endocannabinoid levels precede motor symptom onset in a transgenic mouse model of Huntington's disease. (abst – 2009)  

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CB2 receptor activation attenuates microcirculatory dysfunction during cerebral ischemic/reperfusion injury. (abst - 2009)  

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CB1 receptor deficiency decreases wheel-running activity: consequences on emotional behaviours and hippocampal neurogenesis. (abst – 2010)  


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Role of CB1 cannabinoid receptors on GABAergic neurons in brain aging (full– 2011)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3131310/?tool=pubmed

Resistance to diet-induced adiposity in cannabinoid receptor-1 deficient mice is not due to impaired adipocyte function (full – 2011)  
http://www.nutritionandmetabolism.com/content/8/1/93

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http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/492.5?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=160&sortspec=date&resourcetype=HWCIT

Cannabinoid type 1 receptor mediates depot-specific effects on differentiation, inflammation and oxidative metabolism in inguinal and epididymal white adipocytes. (abst – 2011) http://www.ncbi.nlm.nih.gov/pubmed/23455155


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Angiotensin II induces vascular endocannabinoid release, which attenuates its vasoconstrictor effect via CB1 cannabinoid receptors. (full – 2012)
http://www.jbc.org/content/early/2012/07/11/jbc.M112.346296.full.pdf+html

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(abst – 2012)  

Hypothalamic CB1 Cannabinoid Receptors Regulate Energy Balance in Mice.  
(abst – 2012)  

Evidence for the Putative Cannabinoid Receptor (GPR55)-Mediated Inhibitory Effects on Intestinal Contractility in Mice.  
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Cannabinoid receptor 1 in the vagus nerve is dispensable for body weight homeostasis but required for normal gastrointestinal motility.  
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The CB1 Cannabinoid Receptor Drives Corticospinal Motor Neuron Differentiation through the Ctip2/Satb2 Transcriptional Regulation Axis.  
(abst – 2012)  

Cannabinoid Modulation of Midbrain Urocortin 1 Neurones During Acute and Chronic Stress  
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Role of CB1 and CB2 cannabinoid receptors in the development of joint pain induced by monosodium iodoacetate.  
(abst – 2012)  

The cannabinoid receptor-2 is involved in allergic inflammation  
(abst – 2012)  

How Weed Can Protect Us From Cancer and Alzheimer's  
(book excerpt – 2012)  
http://www.alternet.org/story/156269/how_weed_can_protect_us_from_cancer_and_alzheimer%27s

Dissociation of the Pharmacological Effects of THC by mTOR Blockade.  
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The Dual Effect of Cannabinoid Receptor-1 Deficiency on the Murine Postoperative Ileus  
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Developmental Role for Endocannabinoid Signaling in Regulating Glucose Metabolism and Growth.  
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A GPR18-based signaling system regulates IOP in murine eye.  
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Endocannabinoid system and drug addiction: new insights from mutant mice approaches.  
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Involvement of the opioid and cannabinoid systems in pain control: new insights from knockout studies.  
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Cardiorespiratory control as a function of wake-sleep behavior and diet in mice lacking CB1 cannabinoid receptors (abst – 2013) http://www.fasebj.org/cgi/content/meeting_abstract/27/1_MeetingAbstracts/926.1?sid=eea722c0-971c-4d4a-8b8c-38c0e63c19a


Why resolutions about taking up physical activity are hard to keep. (news – 2013) http://www.thefreelibrary.com/Why+resolutions+about+taking+up+physical+activity+are+hard+to+keep-a0313904638

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CB(1) and CB(2) cannabinoid receptors mediate different aspects of delta-9-tetrahydrocannabinol (THC)-induced T helper cell shift following immune activation by Legionella pneumophila infection. (abst – 2009)  

Legionnaires disease in cannabis smokers. (abst – 2011)  
http://www.unboundmedicine.com/medline/ebm/record/20923802/abstract/Legionnaires_disease_in_cannabis_smokers

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

Preliminary observation with dronabinol in patients with intractable pruritus secondary to cholestatic liver disease. (abst – 2002)  

A Novel Synthetic Cannabinoid Derivative Inhibits Inflammatory Liver Damage via Negative Cytokine Regulation (full - 2003)  
http://molpharm.aspetjournals.org/content/64/6/1334.full


Treatment of the Pruritus of Cholestasis. (abst – 2004)  

The endocannabinoid system in chronic liver disease (full - 2005)  

(Marijuana/Hash) Endocannabinoids and liver disease - review (full - 2005)  

Endocannabinoid activation at hepatic CB1 receptors stimulates fatty acid synthesis and contributes to diet-induced obesity (full - 2005)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1087161/?tool=pmcentrez

Roles of anandamide in the hepatic microcirculation in cirrhotic rats (full – 2005)  
http://ajpgi.physiology.org/content/290/2/G328.full?sid=c16d770d-cd17-48c9-bbde-26f38f5eeb67

The Ffa Receptor Gpr40 Links Hyperinsulinemia, Hepatic Steatosis, and Impaired Glucose Homeostasis in Mouse. (abst – 2005)  

Antifibrogenic role of the cannabinoid receptor CB2 in the liver. (abst – 2005)  

CB2 receptors as new therapeutic targets for liver diseases (full - 2007)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219531/?tool=pmcentrez

Cannabinoid-2 receptor agonist HU-308 protects against hepatic ischemia/reperfusion injury by attenuating oxidative stress, inflammatory response, and apoptosis (full - 2007)  
http://www.jleukbio.org/cgi/content/full/82/6/1382

Cannabinoids ameliorate cerebral dysfunction following liver failure via AMP-activated protein kinase (full - 2007)  
http://hmg.oxfordjournals.org/cgi/content/full/14/22/3389

Endocannabinoids acting at CB1 receptors mediate the cardiac contractile dysfunction in vivo in cirrhotic rats (full - 2007)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2225474/?tool=pmcentrez

Pivotal Advance: Cannabinoid-2 receptor agonist HU-308 protects against hepatic ischemia/reperfusion injury by attenuating oxidative stress, inflammatory response, and apoptosis (full - 2007)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2225476/?tool=pmcentrez

Anandamide inhibits cholangiocyte hyperplastic proliferation via activation of thioredoxin 1/redox factor 1 and AP-1 activation (full – 2007)  
http://ajpgi.physiology.org/content/294/2/G506.full
Cannabinoid-2 receptor mediates protection against hepatic ischemia/reperfusion injury (full - 2007)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2228252/?tool=pmcentrez


Cannabinoid receptors as novel therapeutic targets for the management of non-alcoholic steatohepatitis  (full - 2008)  http://www.em-consulte.com/article/200095

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Endocannabinoids and Liver Disease. II. Endocannabinoids in the pathogenesis and treatment of liver fibrosis  (full – 2008)  http://ajpgi.physiology.org/content/294/2/G357.full?sid=872637e5-97b2-4103-aaf0-b3e8f6f0eb64

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Endocannabinoids and cannabinoid receptors in ischaemia–reperfusion injury and preconditioning  (full - 2008)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219536/?tool=pmcentrez

Emerging role of cannabinoids in gastrointestinal and liver diseases: basic and clinical aspects  (abst – 2008)  http://gut.bmj.com/content/57/8/1140.abstract


Emerging role of cannabinoids in gastrointestinal and liver diseases: basic and clinical aspects (abst - 2008) http://gut.bmj.com/content/57/8/1140.abstract

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Systematic review and meta-analysis on the adverse events of rimonabant treatment: Considerations for its potential use in hepatology (full - 2009) http://www.biomedcentral.com/1471-230X/9/75


Cannabidiol ameliorates cognitive and motor impairments in bile-duct ligated mice via 5-HT1A receptor activation. (full – 2010) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2829220/?tool=pubmed
Recent advances in the understanding of the role of the endocannabinoid system in liver diseases. (abst - 2010)  http://www.ncbi.nlm.nih.gov/pubmed/20934397


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Hyperactivation of anandamide synthesis and regulation of cell-cycle progression via cannabinoid type 1 (CB1) receptors in the regenerating liver (abst – 2011)  http://www.pnas.org/content/108/15/6323.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT

Cannabinoid CB2 receptors protect against alcoholic liver disease by regulating kupffer cell polarization in mice. (abst – 2011)  http://www.ncbi.nlm.nih.gov/pubmed/21735467


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Fatty acid amide hydrolase but not monoacyl glycerol lipase controls cell death induced by the endocannabinoid 2-arachidonoyl glycerol in hepatic cell populations. (abst – 2013) http://www.ncbi.nlm.nih.gov/pubmed/23806692


Smoking cannabis does not accelerate progression of liver disease in people with HIV/HCV co-infection (news – 2013)
LONG TERM USE EFFECTS*

Neuropsychological Performance in Long-term Cannabis Users  (full - 2001)  
http://archpsyc.ama-assn.org/cgi/content/full/58/10/909?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=2880&resourcetype=HW CIT

The pharmacologic effects of daily marijuana smoking in humans   (abst - 2002)  


Heavy Marijuana Use Doesn't Damage Brain   (news – 2003)  

Minimal Long-Term Effects Of Marijuana Use Found In Central Nervous System By UCSD Researchers   (news - 2003)  
http://www.sciencedaily.com/releases/2003/06/030630112652.htm

Survey of Australians using cannabis for medical purposes   (full - 2005)  


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Protracted cannabinoid administration elicits antidepressant behavioral responses in rats: role of gender and noradrenergic transmission.   (abst - 2009)  

The morphology of the immune system in opio mania, cannabism, and polynarcotism   (abst - 2009)  
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http://www.thefreelibrary.com/Hemp+Seeds%2c+One+of+the+Ways+to+Rebalance+and+Detox+Your+Body-a01073882954

Milking your options-- Rice, hemp, cow, soy, almond or goat milk -- which one is better for you? (news – 2009)
http://www.mnn.com/health/fitness-well-being/stories/milking-your-options

Unhulled Hemp Seed Uses (news – 2010)
http://www.livestrong.com/article/212391-unhulled-hemp-seed-uses/

How Is Hemp Seed Milk Made? (article – 2010)

Form of medical marijuana won't get you high, but it's creating a buzz (news - 2010)
http://www.washingtonpost.com/wp-dyn/content/article/2010/05/31/AR2010053103231.html

Juiced Marijuana Offered to Medical Users as Alternative to Smoking (news - 2010)
http://www.drugfree.org/join-together/addiction/juiced-marijuana-offered-to

Canna Milk and more (forum thread - 2010)
http://www.greenpassion.org/showthread.php?t=18338

A sip replaces a toke with new marijuana soda (news – 2011)

Forget Four Loko: The rise of marijuana soda (news – 2011)

Health Benefits of Cannabis Tea (news – 2011)

Raw Cannabis Juice and the Link to Clinical Cannabinoid Deficiency (news – 2012)


**METHODS – EDIBLES – FOODS**


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

Recipes from "Onepot" (undated) http://www.onepot.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


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The CBC Recipes (forum thread - 2009)  
http://www.greenpassion.org/showthread.php?t=17086

The Calories in Hemp Seeds (news – 2010)  

Cannabis Cooking Oil (news – 2010)  
http://www.thecannabischef.com/content/cannabis-cooking-oil

Recipes that can make some lives easier; Cannabis Barbeque Sauce (news - 2010)  

Anchovy red wine vinegarette with or without cannabis oil (news – 2011)  

BadKat's CannaPharm: Canna Caps, UV Reactive GLOWING Hash Candy, Canna 'Bombs' & more (forum post - 2011) (recommended by Granny)  

Recreational use and overdose of ingested processed cannabis (Majoon Birjandi) in the eastern Iran. (abst – 2012)  

CanChew Cannabinoid Gum Available to Patients Early 2013 (news – 2012)  
http://www.medicaljane.com/canchew-cannabinoid-gum/

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METHODS- EDIBLES- RAW UNHEATED CANNABIS

Unheated Cannabis sativa extracts and its major compound THC-acid have potential immuno-modulating properties not mediated by CB1 and CB2 receptor coupled pathways. (abst - 2006)  

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Cannabis as a Unique Functional Food  (full – 2011)
http://www.cannabisinternational.org/info/treatingyourself.pdf

Marijuana cannabinoids - oral and transdermal methods  (news – 2011)
http://www.naturalnews.com/034425_marijuana_cannabinoids_medicine.html

Raw Cannabis Juice and the Link to Clinical Cannabinoid Deficiency  (news – 2012)
http://cannabislover.com/2012/03/14/raw-cannabis-juice-and-the-link-to-clinical-cannabinoid/

Juicing medical marijuana the latest trend in amazing cures  (news – 2012)
http://www.naturalnews.com/034599_medical_marijuana_juicing_cures.html

The Amazing Health Benefits of Juicing Raw Cannabis Leaves  (news – 2012)

Juicing cannabis miraculously saves lives after physicians declare the battle lost  (news – 2012)
http://www.naturalnews.com/035400_juicing_cannabis_remedies.html

Cannabis Cures Cancer: Look at me, I’m Cancer Free!  (news – 2012)
http://www.tokeofthetown.com/2012/10/cannabis_cures_cancer_look_at_me_im_cancer_free.php

Is Juicing Cannabis Better For Health Than Smoking It?  (news – 2013)
http://www.wakingtimes.com/2013/01/02/is-juicing-cannabis-better-than-smoking-it/

METHODS OF USE - INHALERS

Pharmacological evaluation of aerosolized cannabinoids in mice.  (abst – 2000)

Physiochemical and pharmacological characterization of a Delta(9)-THC aerosol generated by a metered dose inhaler.  (abst – 2002)

Patent 6713048Δ9 tetrahydrocannabinol (Δ9 THC) solution metered dose inhalers and methods of use  (full – 2004)
http://www.patentstorm.us/patents/6713048/fulltext.html

http://www.patentstorm.us/applications/20050079136/fulltext.html

http://www.patentstorm.us/applications/20100012118/fulltext.html

Cannabidiol reduces cigarette consumption in tobacco smokers: Preliminary findings.  (abst – 2013)
METHODS OF USE – INJECTION* - DO NOT TRY!


METHODS OF USE - NASAL SPRAYS


METHODS OF USE - OROMUCOSAL SPRAY also see Sativex


METHODS OF USE – RSO / RICK SIMPSON’S OIL/ HEMP OIL/ PHOENIX OIL

Making a Small Batch of Hemp Oil~ Easy Peasy!  (recipe – 2009)

The Illegal Herb that Fights Cancer       (news - 2011)
http://www.cannabisculture.com/v2/node/27122

Cannabis Science Provides Physician’s Documentation That Confirms Successful Treatment of Skin Cancer       (news/info-mercial – 2011)

Effect of extraction conditions on total polyphenol contents, antioxidant and antimicrobial activities of Cannabis sativa L       (abst – 2012)
http://www.cabdirect.org/abstracts/20123212113.html;jsessionid=DDBC2FF41C8322957AD4B468D3785A59?gitCommit=4.13.20-5-ga6ad01a

Tommy Chong Fighting Prostate Cancer With Cannabis Oil       (news – 2012)
http://www.cannabisculture.com/content/2012/06/10/Tommy-Chong-Fighting-Prostate-Cancer-Cannabis-Oil

Cannabis Cures Cancer: Look at me, I’m Cancer Free!       (news – 2012)
http://www.tokeofthetown.com/2012/10/cannabis_cures_cancer_look_at_me_im_cancer_free.php


Cannabis For Infant’s Brain Tumor, Doctor Calls Child "A Miracle Baby"  (news – 2012)
http://www.huffingtonpost.com/2012/12/01/cannabis-for-infants-brai_n_2224898.html

How to make suppositories (RSO)       (forum post – 2012)


As Anecdotal Reports of Anti-Cancer Effects from Cannabis 'Oil' Pile Up, Doctors Stress Need to Document Its Effects       (news – 2013)

4 Examples of Alternative Cancer Therapies       (news – 2013)
http://www.wakingtimes.com/2013/05/23/cancer-therapies/

Tommy Chong Is "Cancer Free;" Claims Marijuana Cures Cancer       (news – 2013)
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

Marijuana Water Pipe and Vaporizer Study  (news - 2000)
http://www.maps.org/news-letters/v06n3/06359mj1.html

A primer for patients’ use of medicinal marijuana  (full - 2001)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC81348/pdf/20010807s00037p329.pdf


Cannabis Use As Described by People with Multiple Sclerosis.  (full – 2003)
http://cjns.metapress.com/content/5mw9rpxytpjprw1/fulltext.pdf

Marijuana Smoking Doesn't Lead to Higher Death Rate  (news/forum post - 2003)

Cannabinoids and the immune system. Of men, mice and cells  (abst – 2004)

Bongs and Blunts: Notes from a Suburban Marijuana Subculture.  (abst – 2005)

DISTINGUISHING BLUNTS USERS FROM JOINTS USERS: A COMPARISON OF MARIJUANA USE SUBCULTURES  (full – 2006)
“Usual" cannabis abuse producing an unusual incident (abst – 2007) (The Valsalva maneuver is performed by attempting to forcibly exhale while keeping the mouth and nose closed. Don’t even think of doing it while smoking!) http://www.ncbi.nlm.nih.gov/pubmed/17342632


No Decrease in Pulmonary Function Associated with Long-Term Cannabis Smoking, Study Says (news - 2007) http://www.illinoisnorml.org/content/view/366/27/

Cannabis smoke condensate I: the effect of different preparation methods on tetrahydrocannabinol levels. (abst - 2008) http://marijuana.researchtoday.net/archive/5/7/1888.htm

Cannabinoid Receptor 1 Binding Activity and Quantitative Analysis of Cannabis sativa L. Smoke and Vapor (full – 2009) https://www.jstage.jst.go.jp/article/cpb/58/2/58_2_201/_pdf


Smoked cannabis for chronic neuropathic pain: a randomized controlled trial (full – 2010) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2950205/?tool=pmcentrez


Opioid antagonism enhances marijuana's effects in heavy marijuana smokers. (abst – 2010) http://www.unboundmedicine.com/medline/ebm/record/20490465/abstract/Opioid_antagonism_enhances_marijuana%27s_effects_in_heavy_marijuana_smokers


Effects of smoking cannabis on lung function (full – 2011)  
http://www.expert-reviews.com/doi/full/10.1586/ers.11.40

Drug-Intake Methods and Social Identity: The Use of Marijuana in Blunts Among Southeast Asian Adolescents and Emerging Adults. (full – 2011)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3193281/?tool=pubmed

US Patent Application 20110073120 - Smoke and Odor Elimination Filters, Devices and Methods (full – 2011)  
http://www.patentstorm.us/applications/20110073120/fulltext.html

Quantification and comparison of marijuana smoking practices: blunts, joints, and pipes. (abst – 2011)  

Characterizing smoking topography of cannabis in heavy users. (abst – 2011)  

Smoking marijuana not linked to obesity: study (news – 2011)  

Why doesn’t marijuana cause cancer? (news – 2011)  

Patterns of blunt use among rural young adult african-american men. (abst – 2012)  

The dose effects of short-term dronabinol (oral THC) maintenance in daily cannabis users. (abst – 2012)  

Can oral fluid cannabinoid testing monitor medication compliance and/or cannabis smoking during oral THC and oromucosal Sativex administration? (abst – 2012)  

The changing demographic of blunt smokers across birth cohorts. (abst – 2012)  

Metabolic Impact of Chronic Cannabis Smoking (abst – 2012)  
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Pot smoking not tied to middle-age mental decline (news – 2012)  

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Why Research is Right About Smoking vs. Eating Medicinal Marijuana (news – 2013)  
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Is Juicing Cannabis Better For Health Than Smoking It?  (news – 2013)  
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Smoking cannabis does not accelerate progression of liver disease in people with HIV/HCV co-infection  (news – 2013)  

The Truth About Marijuana Smoke: A Smelly Study  (news/ad – 2013)  

**METHODS OF USE – SUPPOSITORIES / RECTAL USE**

Topical and Systemic Cannabidiol Improves Trinitrobenzene Sulfonic Acid Colitis in Mice.  (full - 2012)  

How to make suppositories (RSO)  (forum post – 2012)  

**METHODS OF USE – TINCTURES**

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

Cooking With Cannabis  (news – undated)  
http://lukcia.org/culture/eat.php

Timeless tinctures  (forum - 2003)  
http://www.cannabisculture.com/articles/3005.html

Cannabis improves night vision: a case study of dark adaptometry and scotopic sensitivity in kif smokers of the Rif mountains of northern Morocco.  (abst – 2004)  
http://science.iowamedicalmarijuana.org/pdfs/misc/Russo%20et%20al.%20Cannabis%20Night%20Vision%20JEP%202004.pdf

Pharmacokinetics and cannabinoid action using oral cannabis extract  (news – 2005)
Unheated Cannabis sativa extracts and its major compound THC-acid have potential immuno-modulating properties not mediated by CB1 and CB2 receptor coupled pathways. (abst - 2006) http://www.ncbi.nlm.nih.gov/pubmed/16504929


Optimisation and characterisation of marihuana extracts obtained by supercritical fluid extraction and focused ultrasound extraction and retention time locking GC-MS. (abst – 2013) http://www.ncbi.nlm.nih.gov/pubmed/23505258

METHODS OF USE - TOPICAL OINTMENTS
The Holy Anointing Oil  (article/ recipe - undated)
http://oregonmedicalmarijuanaprogram.com/the_holy_anointing_oil

In vitro experiment optimization for measuring tetrahydrocannabinol skin permeation.

Topical cannabinoid enhances topical morphine antinociception.  (abst - 2003)

Patent 6949582 - Method of relieving analgesia and reducing inflammation using a cannabinoid delivery topical liniment  (full - 2005)
http://www.patentstorm.us/patents/6949582/fulltext.html


Cosmetic Manufacturers Harness the Power of Hemp  (news – 2007)

Want Nice Skin? Then Smoke Cannabis!  (news – 2007)

Marijuana Skin Cream?  (news - 2007)
http://www.drugfree.org/join-together/drugs/marijuana-skin-cream

Glysabis  (forum thread - 2007)

WR's Cannabalm  (forum thread - 2008)

Making HAO~Holy Anointing Oil~From Healing Hemp Oil~for Pain & Healing
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Local application of the endocannabinoid hydrolysis inhibitor URB597 reduces nociception in spontaneous and chemically induced models of osteoarthritis.
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Topical Cannabis Healing Salve  (recipe – 2010)
http://patients4medicalmarijuana.wordpress.com/2010/04/30/topical-cannabis-healing-salve/

The Faces Of Medical Marijuana: An Interview With Sarah Lovering
Balm from canna roots  (forum thread - 2010)
http://www.greenpassion.org/showthread.php?t=20879


Cannabis Science Provides Physician’s Documentation That Confirms Successful Treatment of Skin Cancer  (news/ad – 2011)

Treatment of chronic regional pain syndrome type 1 with palmitoylethanolamide and topical ketamine cream: modulation of nonneuronal cells.  (abst – 2013)

Anti-inflammatory activity of topical THC in DNFB-mediated mouse allergic contact dermatitis independent of CB1 and CB2 receptors  (abst – 2013)

METHODS OF USE - TRANSDERMAL PATCH

http://www.patentstorm.us/patents/6132762/fulltext.html


Marijuana cannabinoids - oral and transdermal methods (news – 2011) [http://www.naturalnews.com/034425_marijuana_cannabinoids_medicine.html]


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]

Marijuana Water Pipe and Vaporizer Study (news - 2000) [http://www.maps.org/news-letters/v06n3/06359mj1.html]

NORML - MAPS Study Shows Vaporizers Reduce Toxins in Marijuana Smoke (news - 2001) [http://www.canorml.org/healthfacts/vaporizerstudy1.html]


Vaporizing cannabis is safer than smoking (letter - 2003) [http://www.cmaj.ca/content/169/3/222.1/reply#cmaj_el_405?sid=06da3330-be42-4e66-98ac-c8ff0ebbaf5]
Cal NORML/MAPS study shows vaporizer can drastically reduce toxins in marijuana smoke (news - 2003)  [http://www.canorml.org/healthfacts/vaporizerstudy2.html]


'Smokeless' medicinal pot has its advocates (news - 2005)  [http://www.sfgate.com/cgi-bin/article.cgi?file=/c/a/2005/06/20/MNG9GDBBLK1.DTL]


Decreased respiratory symptoms in cannabis users who vaporize (full - 2007)  [http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1853086/?tool=pmcentrez]

Vaporization as a smokeless cannabis delivery system (abst - 2007)  [http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=187]

New Studies Destroy the Last Objection to Medical Marijuana (news - 2007)  [http://www.alternet.org/drugs/51277/]

Vaporizers Could Remove Pitfalls of Smoking Medical Marijuana (news - 2007)  [http://www.drugfree.org/join-together/drugs/vaporizers-could-remove]

Marijuana Vaporizer Provides Same Level Of THC, Fewer Toxins, Study Shows (news - 2007)  [http://www.sciencedaily.com/releases/2007/05/070515151145.htm]


No Decrease in Pulmonary Function Associated with Long-Term Cannabis Smoking, Study Says (news - 2007)  [http://www.illinoisnorml.org/content/view/366/27/]

Vaporized marijuana effect on CF. NOT smoking (forum post - 2007)  [http://www.topix.com/forum/health/cystic-fibrosis/TBQ56B1VNGGAODTKA]

Effect of intrapulmonary tetrahydrocannabinol administration in humans. (abst - 2008)  [http://marijuana.researchtoday.net/archive/5/8/1816.htm]

Cannabinoid Receptor 1 Binding Activity and Quantitative Analysis of Cannabis sativa L. Smoke and Vapor (full – 2009)  [https://www.jstage.jst.go.jp/article/cpb/58/2/58_2_201/_pdf]


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


Human Cannabinoid Pharmacokinetics (full - 2007)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2689518/?tool=pmcentrez
Information for Health Care Professionals- Marihuana (marijuana, cannabis) dried plant for administration by ingestion or other means (Health Canada) (full – 2010)

Dosage & Routes of Cannabis and Cannabinoid Administration (forum post/article - 2010)

Scientific Opinion on the safety of hemp (Cannabis genus) for use as animal feed (full – 2011) (deceptive title)


Marijuana cannabinoids - oral and transdermal methods (news – 2011)
http://www.naturalnews.com/034425_marijuana_cannabinoids_medicine.html

Medical Marijuana: Clearing Away the Smoke (full – 2012)
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Effect of extraction conditions on total polyphenol contents, antioxidant and antimicrobial activities of Cannabis sativa L (abst – 2012)
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Philly420: Marijuana refined (news - 2013)

The Truth About Marijuana Smoke: A Smelly Study (news/ad – 2013)

**MIGRAINE/HEADACHE**

CANNABIS AND MARINOL IN THE TREATMENT OF MIGRAINE HEADACHE (abst - undated)  http://www.druglibrary.org/schaffer/hemp/migrn2.htm
Hemp for Headache: An In-Depth Historical and Scientific Review of Cannabis in Migraine Treatment (full - 2001)  

Clinical Endocannabinoid Deficiency (full - 2004)  

Anandamide Is Able to Inhibit Trigeminal Neurons Using an in Vivo Model of Trigeminovascular-Mediated Nociception (full - 2004)  
http://jpet.aspetjournals.org/content/309/1/56.full

Cannabinoid (CB1) Receptor Activation Inhibits Trigeminovascular Neurons (full - 2006)  
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Endocannabinoids in Chronic Migraine: CSF Findings Suggest a System Failure (full - 2006)  
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Dronabinol reduces signs and symptoms of idiopathic intracranial hypertension: a case report (abst + 1st page - 2006)  
http://www.liebertonline.com/doi/abs/10.1089/jop.2006.22.68

Biochemical Changes in Endocannabinoid System are Expressed in Platelets of Female but not Male Migraineurs (abst - 2006)  
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Migraine may be related to under production of cannabinoids (news - 2007)  

Degradation of endocannabinoids in chronic migraine and medication overuse headache (full - 2008)  
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Cluster attacks responsive to recreational cannabis and dronabinol (abst - 2009)  

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Medical Marijuana and Headaches, Cluster (news – 2009)  
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Interictal Type 1 Cannabinoid Receptor Binding is Increased in Female Migraine Patients.  (abst – 2011)  http://www.ncbi.nlm.nih.gov/pubmed/22077199


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Physical assessment of 30 chronic cannabis users and 30 matched controls.
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Retrieving impacted cannabis resin with ear drops. (full - 1987)
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UV-B radiation effects on photosynthesis, growth and cannabinoid production of two Cannabis sativa chemotypes (abst – 1987)


The Intangible Rewards from Crime: The Case of Domestic Marijuana Cultivation (abst - 1991)
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Flashback Following Use of Cannabis--a Review (abst – 1991)

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

Immuonochemical localization of tetrahydrocannabinol (THC) in cryofixed glandular trichomes of Cannabis (Cannabaceae) (full – 1997)
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Providing medical marijuana: the importance of cannabis clubs. (abst – 1998)

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

Have I got brews for you... Hemp beer's here to stay. (news – 1998)


Distortion of Teatree Stems by Twine As a Means to Determine the Number of Years That the Stems Have Been Used to Support Cannabis Plants.  (abst – 2001) http://www.ncbi.nlm.nih.gov/pubmed/11451066


This Bud's Not For You  (news – 2002) http://www.time.com/time/magazine/article/0,9171,1001834,00.html


The Variation in Arrestees' Disclosure of Recent Drug Use Across Locations, Drugs, and Demographic Characteristics. (full – 2005)  
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Medical marijuana and the Supreme Court. (full – 2005)  

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Mother's milk and the muffin man: grassroots innovations in medical marijuana delivery systems. (abst – 2005)  


Fibre crops as alternative land use for radioactively contaminated arable land. (abst – 2005)  

Waterborne Lead Exposure Affects Brain Endocannabinoid Content in Male but Not Female Fathead Minnows (Pimephales Promelas). (abst – 2005)  

Pot, Dogs, and the Constitution (news – 2005)  

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The Thin Green Line: Employers and Medical Marijuana (news – 2005)  

Teen Drug Use Has Changed Little Since 1970s : Genetics, environment, nature of drug determine number of new users who become dependent. (news – 2005)  

Marijuana Production in the United States (full – 2006)  

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Explicit and Implicit Effects of Anti-marijuana and Anti-tobacco Tv Advertisements. (abst – 2006)  

DEA spends big $$$ to eradicate feral hemp (news – 2006)  
http://tribes.tribe.net/time_4_hemp/thread/6bf51037-3518-47aa-acab-e28da81e9446
Taking a Leaf from 'Pot Docs' (news – 2006)  

THE RACE/ETHNICITY DISPARITY IN MISDEMEANOR MARIJUANA ARRESTS IN NEW YORK CITY (full - 2007)  
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Do Medical Cannabis Laws Encourage Cannabis Use? (abst - 2007)  
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Novel Δ(9) -tetrahydrocannabinol formulation Namisol® has beneficial pharmacokinetics and promising pharmacodynamic effects. (abst – 2011) http://www.ncbi.nlm.nih.gov/pubmed/22220975

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Novel Δ(9) -tetrahydrocannabinol formulation Namisol® has beneficial pharmacokinetics and promising pharmacodynamic effects. (full – 2012)
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**NEOINTIMA** – thickening of arterial walls


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Cannabinoids promote embryonic and adult hippocampus neurogenesis and produce anxiolytic- and antidepressant-like effects  (full - 2005)
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Quantification of endocannabinoids in postmortem brain of schizophrenic subjects.


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**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)


Oily fish makes 'babies brainier’ (news - 2006) (hemp seed - at the end)
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Involvement of prelimbic medial prefrontal cortex in panic-like elaborated defensive behaviour and innate fear-induced antinociception elicited by GABAA receptor blockade in the dorsomedial and ventromedial hypothalamic nuclei: role of the endocannabinoid CB1 receptor. (abst – 2013) http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8874231

Infusion of cannabidiol into infralimbic cortex facilitates fear extinction via CB1 receptors. (abst – 2013) http://www.ncbi.nlm.nih.gov/pubmed/23643693


Brain-Imaging StudyLinks Cannabinoid Receptors to Post-Traumatic Stress Disorder: First Pharmaceutical Treatment for PTSD Within Reach (news – 2013) http://www.sciencedaily.com/releases/2013/05/130514085016.htm


Marijuana-like compound could lead to first-ever medication for PTSD (news – 2013) http://www.foxnews.com/health/2013/05/14/marijuana-like-compound-could-lead-to-first-ever-medication-for-ptsd/
PRADER WILLI SYNDROME

Psychiatric adverse effects of rimonobant in adults with Prader Willi syndrome.  
(full – 2011)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3038245/?tool=pubmed

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

Menstrual cramps, morning sickness and labour pain  (article – undated)
http://www.ukcia.org/medical/menstrualcrampsmorningsicknessandlabourpain.php

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

Dysregulated Cannabinoid Signaling Disrupts Uterine Receptivity for Embryo Implantation  (full - 2001)  
http://www.jbc.org/content/276/23/20523.full

Menstrual cramps, morning sickness and labour pain  (anecdotal – 2001)  

Contrasting effects of WIN 55212-2 on motility of the rat bladder and uterus.  
(full – 2002)  
http://www.jneurosci.org/content/22/16/7147.long

Cannabis Treatments in Obstetrics and Gynecology: A Historical Review  
(full - 2002)  
http://www.cannabis-med.org/data/pdf/2002-03-04-1_0.pdf

Hyperemesis Gravidarum and Clinical Cannabis: To Eat or Not to Eat?  
(abst - 2002)  

Maternal use of cannabis and pregnancy outcome.  (abst – 2002)  

N-Acylethanolamines in human reproductive fluids.  (abst – 2002)  

Comparison of meconium and neonatal hair analysis for detection of gestational exposure to drugs of abuse  
(full - 2003)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1721515/pdf/v088p00F98.pdf

Effect of maternal under-nutrition on pup body weight and hypothalamic endocannabinoid levels.  (abst – 2003)  

Plasma Levels of the Endocannabinoid Anandamide in Women—A Potential Role in Pregnancy Maintenance and Labor? (full - 2004)  http://jcem.endojournals.org/cgi/content/full/89/11/5482?ijkey=5e8ee5690352ba9f6b990355b2ed69b1d2e58a5b


Determination of the prevalence of drug misuse by meconium analysis  (full - 2006)  http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2672735/?tool=pubmed


Oily fish makes 'babies brainier’  (news - 2006) (hemp seed - at the end)  http://news.bbc.co.uk/2/hi/health/4631006.stm
Dreher's Jamaican Pregnancy Study  (news - 2006)
http://www.november.org/stayinfo/breaking06/DreherStudy.html

Cannabis Relieves Morning Sickness  (news/forum post - 2006)

The role of the endocannabinoid system in gametogenesis, implantation and early pregnancy  (full - 2007)
http://humupd.oxfordjournals.org/cgi/content/full/13/5/501?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=960&resourcetype=HWCIT


http://norml.org/index.cfm?Group_ID=8060

CB2 receptors in reproduction  (full - 2008)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219526/

Volumetric MRI Study of Brain in Children With Intrauterine Exposure to Cocaine, Alcohol, Tobacco, and Marijuana  (full - 2008)

Loss of Cannabinoid Receptor CB1 Induces Preterm Birth  (full - 2008)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2553193/?tool=pmcentrez

Expression of the Endocannabinoid System in Human First Trimester Placenta and Its Role in Trophoblast Proliferation  (full – 2008)
http://endo.endojournals.org/content/149/10/5052.full?sid=f5b14012-9fbe-4f10-890c-386313060cf8

Maternal tobacco, cannabis and alcohol use during pregnancy and risk of adolescent psychotic symptoms in offspring.  (full - 2009)
http://bip.rcpsych.org/cgi/content/full/195/4/294


Marijuana/ Cannabis use in Pregnancy – Dr. Melanie Dreher  (article – 2009)

During pregnancy, recreational drug-using women stop taking ecstasy (3,4-methylenedioxyn-N-methylamphetamine) and reduce alcohol consumption, but continue to smoke tobacco and cannabis: initial findings from the Development and Infancy Study.  (abst - 2009)  http://www.ncbi.nlm.nih.gov/pubmed/19939863
Cannabinoid/Endocannabinoid signaling impact on early pregnancy events.

Short communication: Urinary excretion of 11-nor-9-carboxy-Delta(9)-
tetrahydrocannabinol in a pregnant woman following heavy, chronic cannabis use.

CLAIM #7: MARIJUANA USE DURING PREGNANCY HARMS THE FETUS

Maternal Marijuana use not Associated with Psychotic Symptoms, but Alcohol is


N-Acylethanolamine Levels and Expression of Their Metabolizing Enzymes during Pregnancy  (full – 2010)  http://endo.endojournals.org/content/151/8/3965.full

Cannabinoids and Reproduction: A Lasting and Intriguing History
(link to PDF – 2010)  http://www.mdpi.com/1424-8247/3/10/3275


A prospective study on intrauterine cannabis exposure and fetal blood flow.

Tocolytic Effect of Δ9-Tetrahydrocannabinol in Mice Model of Lipopolysaccharide—
Induced Preterm Delivery: Role of Nitric Oxide  (abst - 2010)  http://rsx.sagepub.com/content/17/4/391.abstract

A common variation in the cannabinoid 1 receptor (CNR1) gene is associated with pre-


Pregnant Women Smoking Pot Could Reduce Infant Mortality  (news - 2010)
Pregnant women turning to cannabis for morning sickness relief risk prosecution (news - 2010)
http://stash.norml.org/pregnant-women-turning-to-cannabis-for-morning-sickness-relief-risk-prosecution

Scientific Opinion on the safety of hemp (Cannabis genus) for use as animal feed (full – 2011) (deceptive title)

Sex difference in cell proliferation in developing rat amygdala mediated by endocannabinoids has implications for social behavior (full – 2011)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2996668/?tool=pubmed

Prenatal tobacco, marijuana, stimulant, and opiate exposure: outcomes and practice implications. (full – 2011)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3188826/?tool=pubmed

Commentary: Functional Neuronal CB2 Cannabinoid Receptors in the CNS. (full – 2011)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3137183/?tool=pubmed

Medical Marijuana: Can Pot Help Pregnant Women With Vomiting and Nausea? (article – 2011)

Cannabinoid hyperemesis syndrome: an underreported entity causing nausea and vomiting of pregnancy. (abst – 2011)

Cocaine, Opiate, and Cannabinoid Infant Mortality Study (news – 2011)

Pharmacological characterization of the peripheral FAAH inhibitor URB937 in female rodents: interaction with the Abcg2 transporter in the blood-placenta barrier (full – 2012)

Acetaminophen, pesticide, and diethylhexyl phthalate metabolites, anandamide, and fatty acids in deciduous molars: potential biomarkers of perinatal exposure. (abst – 2012)

Ectopic pregnancy is associated with high anandamide levels and aberrant expression of FAAH and CB1 in fallopian tubes. (abst – 2012)

Uncovering a role for endocannabinoid signaling in autophagy in preimplantation mouse embryos (abst – 2012)
http://molehr.oxfordjournals.org/content/19/2/93.abstract

Cannabinoid modulation of mother-infant interaction: is it just about milk? (abst – 2012)
Researchers study neuroprotective properties in cannabis  (news - 2012)
http://www.foxnews.com/health/2012/03/20/researchers-study-neuroprotective-properties-in-cannabis/

Cannabinoids, Breast Milk, and Development  (news – 2012)

The role of endocannabinoids in pregnancy.  (full – 2013)
http://www.reproduction-online.org/content/early/2013/06/06/REP-12-0508.long

Detection of the endocannabinoid metabolome in human plasma and breast milk  (abst – 2013)
http://www.fasebj.org/cgi/content/meeting_abstract/27/1_MeetingAbstracts/45.8?sid=eea722c0-971c-4dab-8b8c-38c0c63c19ad

Synthetic cannabinoids and potential reproductive consequences.  (abst – 2013)

http://jat.oxfordjournals.org/content/early/2013/07/09/jat.bkt052.abstract?sid=7be65428-0ff8-4917-884b-c35f5a2819af

Endocannabinoid receptor (CB1R) deficiency affects maternal care and alters the dam's hippocampal oxytocin receptor and BDNF expression  (abst – 2013)

PRIONS

Nonpsychoactive cannabidiol Prevents Prion Accumulation and Protects Neurons against Prion Toxicity  (full - 2007)  http://www.jneurosci.org/cgi/content/full/27/36/9537

Recent News: Marijuana (Cannabis) May Prevent Mad Cow Disease  (news - 2007)

Cannabidiol May be Effective in Preventing Bovine Spongiforme Enzephalopathy (Mad Cow Disease)  (news - 2007)  http://www.letfreedomgrow.com/articles/fr070916.htm

Pot Compound Protective Against ‘Mad Cow’ Disease, Other Fatal Brain Disorders, Study Says  (news - 2007)  http://www.norml.org/index.cfm?Group_ID=7362

Pot smoking could stop Mad Cow Disease?  (news - 2008)
http://chattahbox.com/curiosity/2008/12/06/pot-smoking-could-stop-mad-cow-disease/
Alteration of the Endocannabinoid System In Mouse Brain During Prion Disease. (abst – 2011)
http://www.unboundmedicine.com/medline/ebm/record/21195746/abstract/Alteration_of_the_Endocannabinoid_System_In_Mouse_Brain_During_Prion_Disease

PROXIMAL MYOTONIC MYOPATHY / PROMM

Marijuana for the Management of Proximal Myotonic Myopathy (full - 2001)
http://www.jpsmjournal.com/article/S0885-3924(01)00252-4/fulltext

PRURITIS - chronic itch


Treatment of the Pruritus of Cholestasis. (abst – 2004)


Rational symptomatic therapy for chronic pruritus (abst – 2005)
Old drugs in new role: relieving chronic pruritus; Cannabinoid agonists, opioid receptor antagonists have attracted the attention of dermatologists (news - 2005)  
http://www.thefreelibrary.com/Old+drugs+in+new+role%3a+relieving+chronic+pruritus%3b+Cannabinoid...

Cream with endocannabinoids effective in the treatment of pruritus (news - 2005)  

Cream with endocannabinoids effective in the treatment of pruritus due to kidney disease (news - 2005)  

Neurophysiological, Neuroimmunological, and Neuroendocrine Basis of Pruritus (full - 2006)  
http://www.nature.com/jid/journal/v126/n8/full/5700231a.html

Frontiers in pruritus research: scratching the brain for more effective itch therapy (full – 2006)  

Topical cannabinoid agonists : An effective new possibility for treating chronic pruritus. (abst - 2006)  
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=196


Chronic pruritus: targets, mechanisms and future therapies. (abst - 2008)  

The endocannabinoid system of the skin in health and disease: novel perspectives and therapeutic opportunities (full - 2009)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2757311/?tool=pmcentrez

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2670585/?tool=pubmed

Cannabinoid system in the skin - a possible target for future therapies in dermatology. (full - 2009)  

Cannabis: Potential treatment for skin disorders? (news - 2009)  
http://www.examiner.com/article/cannabis-potential-treatment-for-skin-disorders

The Management of Chronic Pruritus in the Elderly (full – 2010)  
http://www.skintherapyletter.com/2010/15.8/2.html


Palmitoylethanolamide is a New Possible Pharmacological Treatment for the Inflammation Associated with Trauma (abst – 2013) http://www.eurekaselect.com/106175/article

**PSORIASIS**

The Endocannabinoid System in Human Keratinocytes (full – 2003) http://www.jbc.org/content/278/36/33896.full


Anandamide Regulates Keratinocyte Differentiation by Inducing DNA Methylation in a CB1 Receptor-dependent Manner (full – 2007) http://www.jbc.org/content/283/10/6005.full

Cannabinoids inhibit human keratinocyte proliferation through a non-CB1/CB2 mechanism and have a potential therapeutic value in the treatment of psoriasis (abst - 2007) http://www.ncbi.nlm.nih.gov/pubmed/17157480

The endocannabinoid system of the skin in health and disease: novel perspectives and therapeutic opportunities  (full - 2009)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2757311/?tool=pmcentrez

Hemp Seed Oil Benefits  (news – 2009)  
http://www.livestrong.com/article/31903-hemp-seed-oil-benefits/

http://www.faqs.org/patents/app/20080255224

Endocannabinoid signaling and epidermal differentiation.  (abst – 2011)  

Cannabinoid Treatment for Psoriasis Symptoms  (article – 2012)  
http://medicalmarijuana.com/medical-marijuana-treatments/Psoriasis

Cannabis cures psoriasis (with pics)  (forum post/anecdotal – 2012)  


QUITTING CANNABIS  *- also see ADDICTION and WITHDRAWAL

Tobacco and Cannabis Smoking Cessation Can Lead to Intoxication with Clozapine or Olanzapine.  (abst – 2002)  

The Time Course and Significance of Cannabis Withdrawal.  (abst – 2003)  

Strategies for quitting among non-treatment-seeking marijuana smokers.  (abst – 2005)  

Teens in Recovery Drop Drugs but Add Pounds  (news – 2005)  

Buspirone, Fluoxetine May Counter Cannabis Use  (news – 2007)  

For pot users, visual and audible cues set off cravings  (news – 2009)  
Aerobic Exercise Training Reduces Cannabis Craving and Use in Non-Treatment Seeking Cannabis-Dependent Adults (full – 2011) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3050879/?tool=pmcentrez


Computer and therapist based brief interventions among cannabis-using adolescents presenting to primary care: One year outcomes. (abst – 2013)  


QUITTING OTHER DRUGS*

Go clean with spliffs  (news - 2001) (may need registration)  

Crack heads and roots daughters: The therapeutic use of cannabis in Jamaica (cocaine)  

Does Cannabis Use Predict Poor Outcome for Heroin-Dependent Patients on Maintenance Treatment? A Review of Past Findings, and More Evidence Against  

Modulation of oral morphine antinociceptive tolerance and naloxone-precipitated withdrawal signs by oral Delta 9-tetrahydrocannabinol.  
(full – 2003) http://jpet.aspetjournals.org/content/305/3/812.long

Cannabis as a Substitute for Alcohol  
(full - 2003) http://www.doctordeluca.com/Library/AbstinenceHR/CannabisSubstituteAlcohol03.htm

Cannabis Abuse is Not a Risk Factor for Treatment Outcome in Methadone Maintenance Treatment: a 1-year Prospective Study in an Israeli Clinic. (abst – 2004)  

Delta9-tetrahydrocannabinol decreases somatic and motivational manifestations of nicotine withdrawal in mice.  

Comparison of Cannabidiol, Antioxidants, and Diuretics in Reversing Binge Ethanol-Induced Neurotoxicity  
(full - 2005) http://jpet.aspetjournals.org/content/314/2/780.full

Role of cannabinoid receptors in alcohol abuse  
Subchronic cannabinoid agonist (WIN 55,212-2) treatment during cocaine abstinence alters subsequent cocaine seeking behavior.  (full - 2007)  
http://www.nature.com/npp/journal/v32/n11/abs/1301365a.html

Chronologically overlapping occurrences of nicotine-induced anxiety- and depression-related behavioral symptoms: effects of anxiolytic and cannabinoid drugs  (full - 2007)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2075518/?tool=pubmed

Modulation of the endocannabinoid system: therapeutic potential against cocaine dependence. (full - 2007)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2134985/?tool=pubmed

Inhibition of anandamide hydrolysis by URB597 reverses abuse-related behavior and neurochemical effects of nicotine in rats  (abst – 2008)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2663803/?tool=pubmed

Curing Addiction With Cannabis Medicines?  (news - 2008)  
http://www.sciencedaily.com/releases/2008/03/080307110348.htm

Cannabidiol, a Nonpsychotropic Component of Cannabis, Inhibits Cue-Induced Heroin Seeking and Normalizes Discrete Mesolimbic Neuronal Disturbances  (full - 2009)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2829756/?tool=pmcentrez

Intermittent marijuana use is associated with improved retention in naltrexone treatment for opiate-dependence.  (full - 2009)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2753886/?tool=pubmed

Cannabis as a substitute for alcohol and other drugs.  (full - 2009)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2795734/?tool=pmcentrez

Effects of the cannabinoid CB1 receptor antagonist AM 251 on the reinstatement of nicotine-conditioned place preference by drug priming in rats.  (full - 2009)  

Interaction of the cannabinoid and opioid systems in the modulation of nociception.  (abst - 2009)  

Medical Marijuana and Tobacco Dependence  (news – 2009)  
https://www.marijuanadoctors.com/content/ailments/view/67?ailment=tobacco-dependence

Medical Marijuana and Opiate Dependence  (news – 2009)  
https://www.marijuanadoctors.com/content/ailments/view/50?ailment=opiate-dependence

Is Cannabis the Answer to Booze Britain’s Problems?  (news - 2009)  

Medical Marijuana and Cocaine Dependence  (news – 2009)
Cannabis as a substitute for heavy alcohol usage? (news - 2009)

Medical marijuana users in substance abuse treatment. (full - 2010)
http://www.harmreductionjournal.com/content/pdf/1477-7517-7-3.pdf

Attenuation of morphine antinociceptive tolerance by a CB(1) receptor agonist and an NMDA receptor antagonist: Interactive effects. (full – 2010)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2813317/?tool=pubmed

Oaklanders Quitting Oxycontin with Cannabis (news - 2010)

Marijuana To Control Alcohol Abuse (news - 2010)

Marijuana could be an “exit drug” (news - 2010)
http://newmexicoindependent.com/52915/marijuana-could-be-an-exit-drug

Study shows direct cellular interaction between endocannabinoids and alcohol in the brain (news - 2010)

Endocannabinoid regulation of acute and protracted nicotine withdrawal: effect of FAAH inhibition. (full – 2011)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3227620/?tool=pubmed

Brain cannabinoid CB2 receptors modulate cocaine's actions in mice (abst – 2011)
http://www.nature.com/neuro/journal/vaop/ncurrent/full/nn.2874.html

The anandamide transport inhibitor AM404 reduces the rewarding effects of nicotine and nicotine-induced dopamine elevations in the nucleus accumbens shell in rats (abst – 2011)
http://www.unboundmedicine.com/medline/ebm/record/21557729/abstract/The_anandamide_transport_inhibitor_AM404_reduces_the_rewarding_effects_of_nicotine_and_nicotine_induced_dopamine_elevations_in_the_nucleus_accumbens_shell_in_rats

Pharmacological activation/inhibition of the cannabinoid system affects alcohol withdrawal-induced neuronal hypersensitivity to excitotoxic insults. (abst – 2011)

The anandamide transport inhibitor AM404 reduces the rewarding effects of nicotine and nicotine-induced dopamine elevations in the nucleus accumbens shell in rats. (abst – 2011)

Study: Marijuana compound helps mitigate cocaine addiction in mice (news – 2011)
Stimulation Of Marijuana Receptor Reduces Cocaine Consumption, Study Says  

Why Medical Marijuana Laws Reduce Traffic Deaths  

Medical marijuana turns former soldier's life around  

Can marijuana curb cocaine addiction?  

Cannabidiol inhibits the reward-facilitating effect of morphine: involvement of 5-HT(1A) receptors in the dorsal raphe nucleus.  

Nicotine-induced anxiety-like behavior in a rat model of the novelty-seeking phenotype is associated with long-lasting neuropeptidergic and neuroplastic adaptations in the amygdala: Effects of the cannabinoid receptor 1 antagonist AM251.  

Dual Inhibition of Endocannabinoid Catabolic Enzymes Produces Enhanced Anti-Withdrawal Effects in Morphine-Dependent Mice.  

AM404 attenuates reinstatement of nicotine seeking induced by nicotine-associated cues and nicotine priming but does not affect nicotine- and food-taking.  

Endocannabinoid system and drug addiction: new insights from mutant mice approaches.  

Lipids and addiction: how sex steroids, prostaglandins, and cannabinoids interact with drugs of abuse.  

Cannabinoid and opioid interactions: implications for opiate dependence and withdrawal.  

Cannabidiol reduces cigarette consumption in tobacco smokers: Preliminary findings.  

Impact of Cannabis Use during Stabilization on Methadone Maintenance Treatment.  
Secret “Sober” Pot Smokers (news – 2013)  
http://www.thefix.com/content/secret-%E2%80%9Csober%E2%80%9D-pot-users2030

Colombia’s controversial cure for coke addicts: Give them marijuana  (news – 2013)  
http://www.thestar.com/news/world/2013/06/03/colombias_controversial_cure_for_coke_addicts_give_them_m_jania.html

Man gets off painkillers with marijuana  (news – 2013)  

**RADIATION-INDUCED NAUSEA**

Receptor mechanism and antiemetic activity of structurally-diverse cannabinoids against radiation-induced emesis in the least shrew.  (full - 2007)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1949344/?tool=pmcentrez

Medical Marijuana and Radiation Therapy  (news – 2009)  
https://www.marijuanadoctors.com/content/ailments/view/56?ailment=radiation-therapy

**RADIATION SICKNESS**

Medical Marijuana and Radiation Therapy  (news – 2009)  
https://www.marijuanadoctors.com/content/ailments/view/56?ailment=radiation-therapy

Regulation of hematopoietic stem cell trafficking and mobilization by the endocannabinoid system.  (abst – 2011)  

Tumor necrosis factor activation of vagal afferent terminal calcium is blocked by cannabinoids.  (abst – 2012)  

**REFLEX SYMPATHETIC DYSTROPHY**

DEA Raids Aurora Medical Marijuana User  (news/ anecdotal – 2004)  

Medi-Cal pays pot-related expenses  (news – 2007)
RESTLESS LEG SYNDROME

Restless Leg Syndrome: Medical Marijuana Patients’ Say it Works (news - 2007)  

Medical Marijuana and Wittmaack-Ekbom’s Syndrome (news – 2009)  
https://www.marijuanadoctors.com/content/ailments/view/170?ailment=wittmaack-ekbom-s-syndrome

RETINITIS PIGMENTOSA*

Cannabis improves night vision: a case study of dark adaptometry and scotopic sensitivity in kif smokers of the Rif mountains of northern Morocco (full - 2004)  
http://science.iowamedicalmarijuana.org/pdfs/misc/Russo%20et%20al.%20Cannabis%20Night%20Vision%20JEP%202004.pdf

When spliff gets in your eyes... (news – 2004)  
http://www.guardian.co.uk/science/2004/jul/07/sciencenews.research

SAFETY AS A MEDICINE*

Two hundred and thirteen cases of marijuana toxicoses in dogs. (abst – 2002)  

The good and the bad effects of (−) trans-delta-9-tetrahydrocannabinol (Δ9-THC) on humans (abst - 2004)  
http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TCS-4CSG2C4-2&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&view=c&acct=C000050221&version=1&urlVersion=0&userid=10&md5=99df29b0ce94c395c01f5aad8825d28b
Adverse effects of medical cannabinoids: a systematic review  (full - 2008)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2413308/

Merck Manual - Marijuana (Cannabis)  (excerpt - 2008)  

How Safe Are Medical Cannabinoids?  (news – 2008)  
http://www.medicalnewstoday.com/releases/111442.php

Medical use of cannabinoids does not cause an increase in serious adverse health effects  (news - 2008)  

Report: Marijuana Less Harmful than Alcohol or Tobacco  (news - 2008)  
http://www.drugfree.org/join-together/other/report-marijuana-less

Medicines derived from cannabis: A review of adverse events  (news - 2008)  

Claims Linking Health Problems And The Strength Of Cannabis May Be Exaggerated  (news - 2008)  
http://www.sciencedaily.com/releases/2008/06/080617125751.htm

Alcohol and cannabis use as risk factors for injury - a case-crossover analysis in a Swiss hospital emergency department  (full - 2009)  
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2654886/?tool=pubmed

Deaths from Marijuana v. 17 FDA-Approved Drugs (Jan. 1, 1997 to June 30, 2005)  (report - 2009)  

Harms associated with psychoactive substances: findings of the UK National Drug Survey  (abst - 2009)  
http://www.unboundmedicine.com/medline/ebm/record/19939875/full_citation/Harms_associated_with_psychactive_substances:_findings_of_the_UK_National_Drug_Survey

Health Risks of Marijuana Still Not Nailed Down  (news - 2009)  
http://www.medpagetoday.com/Psychiatry/Addictions/16456

Four percent of adults worldwide using cannabis  (news – 2009)  
http://phys.org/news174892348.html

Marijuana-Related Health Costs Minimal Compared To Those Of Alcohol, Tobacco  (news - 2009)  
http://www.norml.org/index.cfm?Group_ID=8022

Oregon reports lowest rates of workplace illness and injury ever recorded  (news – 2009)  

The FDA has written documentation that patients can overdose on Marinol and that it can be lethal  (news - 2009)

Information for Health Care Professionals- Marihuana (marijuana, cannabis) dried plant for administration by ingestion or other means (Health Canada) (full – 2010)

An index of fatal toxicity for drugs of misuse. (full - 2010)

Harms associated with psychoactive substances: findings of the UK National Drug Survey (abst - 2010) http://jop.sagepub.com/cgi/content/abstract/24/2/147?rss=1


Annual Causes of Death in the United States (article – 2011)
http://drugwarfacts.org/cms/?q=node/30


Medical marijuana not a threat to workplace safety, study finds (news – 2011)
http://medicalmarijuana411.com/mmj411_v3/?p=10714

Is Pot Good For You? (news – 2011)
http://www.time.com/time/magazine/article/0,9171,1003570,00.html

Prescribing Cannabis for Harm Reduction. (full – 2012)
http://www.harmreductionjournal.com/content/pdf/1477-7517-9-1.pdf

Medical Marijuana: Clearing Away the Smoke (full – 2012)
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3358713/

Evaluation of the safety and tolerability profile of Sativex: is it reassuring enough? (abst – 2012)

Synthetic cannabinoid and marijuana exposures reported to poison centers. (abst – 2012)

Is Medical Marijuana Safe for Children? (news – 2012)


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SAFETY- ADULTERANTS/ CONTAMINANTS*


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**THCV / TETRAHYDROCANNABIVARIN** * phytocannabinoid, CB1 & CB2 antagonist

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WILSON'S DISEASE


WITHDRAWAL SYNDROME*


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YOUNG ADULTS - see CHILDREN/ YOUNG ADULTS