

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!
(2005) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1681626&tool=pmcentrez>

* = 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)
<http://www.acnemagazine.com/cannabis-marijuana-being-looked-at-for-acne-clearing-properties/>

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)
<http://www.truthinaging.com/face/why-cannabis-could-be-an-acne-cure>

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)
<http://www.scribd.com/doc/50251051/ICRS2009-Pheasant-Run-Illinois>

Endocannabinoid signaling and epidermal differentiation. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21628127>

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 'Scripts 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_because_of_THC%5D

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

http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=254

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)

http://www.cannabis-med.org/english/journal/en_2008_01_1.pdf

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

<http://www.ncbi.nlm.nih.gov/pubmed/18242878>

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) <http://www.ncbi.nlm.nih.gov/pubmed/19607846>

Cannabinoid receptors in brain: pharmacogenetics, neuropharmacology, neurotoxicology, and potential therapeutic applications (abst – 2009)
<http://www.ncbi.nlm.nih.gov/pubmed/19897083>

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)
<http://living.msn.com/life-inspired/why-i-give-my-9-year-old-pot>

Why I Give My 9-Year-Old Pot, Part II (news/anecdotal - 2009)
<http://living.msn.com/life-inspired/why-i-give-my-9-year-old-pot?pageart=2>

Oral Delta 9-tetrahydrocannabinol improved refractory Gilles de la Tourette syndrome in an adolescent by increasing intracortical inhibition: a case report. (abst - 2010)
<http://www.ncbi.nlm.nih.gov/pubmed/20520294>

Why I Give My 9-Year-Old Pot, Part 3 (news - 2010) <http://www.slate.com/id/2251174/>

Dr. Jean Talleyrand Says Marijuana Safer than Ritalin for ADHD Teens (news – 2010)
<http://spotlight.vitals.com/2010/01/dr-jean-talleyrand-says-marijuana-safer-than-ritalin-for-adhd-teens/>

Science: Cannabis effective in the treatment of TOURETTE Syndrome and attention deficit hyperactivity disorder (ADHD) (news – 2010)
http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=323&search_pattern=tourette#2

Loss of striatal cannabinoid CB1 receptor function in attention-deficit/hyperactivity disorder mice with point-mutation of the dopamine transporter. (abst – 2011)
<http://www.ncbi.nlm.nih.gov/pubmed/22034972>

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)
<http://voices.yahoo.com/why-omega-3s-affect-mood-8180941.html?cat=5>

Effects of amphetamine on dopamine release in the rat nucleus accumbens shell region depend on cannabinoid CB1 receptor activation. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/22426202>

Cannabidiol and clozapine reverse MK-801-induced deficits in social interaction and hyperactivity in Sprague-Dawley rats. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/22495620>

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)
<http://www.inquisitr.com/874575/marijuana-affects-autism-but-not-how-youd-think-study/>

ADDICTION*

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) <http://www.ncbi.nlm.nih.gov/pubmed/11359533>

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>

Does Cannabis Use Predict Poor Outcome for Heroin-dependent Patients on Maintenance Treatment? Past Findings and More Evidence Against. (full – 2003)
<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) <http://ajp.psychiatryonline.org/article.aspx?articleid=177137>

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)
<http://www.ncbi.nlm.nih.gov/pubmed/14731193>

Alcohol Consumption Moderates the Link Between Cannabis Use and Cannabis Dependence in an Internet Survey. (abst – 2005)
<http://psycnet.apa.org/journals/adb/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)

[http://www.clinicalpsychiatrynews.com/index.php?id=2407&cHash=071010&tx_ttnews\[tt_news\]=37073](http://www.clinicalpsychiatrynews.com/index.php?id=2407&cHash=071010&tx_ttnews[tt_news]=37073)

Confirming alcohol-moderated links between cannabis use and dependence in a national sample (abst – 2006) <http://www.sciencedirect.com/science/article/pii/S0306460305002959>

Long term marijuana users seeking medical cannabis in California (2001–2007): demographics, social characteristics, patterns of cannabis and other drug use of 4117 applicants (full - 2007) <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)

<http://www.ncbi.nlm.nih.gov/pubmed/17290447>

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

[http://www.clinicalpsychiatrynews.com/index.php?id=2407&cHash=071010&tx_ttnews\[tt_news\]=37659](http://www.clinicalpsychiatrynews.com/index.php?id=2407&cHash=071010&tx_ttnews[tt_news]=37659)

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

<http://www.docstoc.com/docs/34397633/The-endogenous-cannabinoid-system-and-drug-addiction-20-years>

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)

http://www.redorbit.com/news/health/1716066/the_surprising_effect_of_marijuana_on_morphine_dependence/

Active Ingredient In Cannabis Eliminates Morphine Dependence In Rats (news - 2009)

<http://www.sciencedaily.com/releases/2009/07/090706090440.htm>

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)
<http://arstechnica.com/science/2009/07/abstinent-marijuana-users-still-have-cravings/>

The use and misuse of alcohol and marijuana can be traced to a common set of genes (news – 2009) http://www.eurekalert.org/pub_releases/2009-12/ace-tua121209.php

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)
<http://www.webmd.com/parenting/news/20100902/teen-pot-smoking-wont-lead-to-other-drugs-as-adults>

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)
<http://www.ncbi.nlm.nih.gov/pubmed/21542664>

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/2011/09/20/0269881111416689>

Exercise can reduce cannabis use in persons who don't want to stop (news – 2011)
<http://www.news-medical.net/news/20110304/Exercise-can-reduce-cannabis-use-in-persons-who-dont-want-to-stop.aspx>

Anandamide and 2-arachidonoylglycerol: Pharmacological Properties, Functional Features, and Emerging Specificities of the Two Major Endocannabinoids (full - 2012) <http://link.springer.com/article/10.1007/s12035-012-8299-0/fulltext.html>

Medical marijuana laws in 50 states: Investigating the relationship between state legalization of medical marijuana and marijuana use, abuse and dependence. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22099393>

A genetic perspective on the proposed inclusion of cannabis withdrawal in DSM-5.
(abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/23194657>

Reduction of dependence to cannabinoids by GLT-1 activating property of the beta-lactam antibiotic. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/23253111>

Marijuana Mouth Spray: Will It Be Abused? (news – 2012)
<http://news.discovery.com/human/medical-marijuana-spray-120131.htm>

Implicit Associations and Explicit Expectancies toward Cannabis in Heavy Cannabis Users and Controls. (full – 2013)
http://www.frontiersin.org/Addictive_Disorders_and_Behavioral_Dyscontrol/10.3389/fpsy.2013.00059/full

Inhibition of FAAH and activation of PPAR: New approaches to the treatment of cognitive dysfunction and drug addiction. (abst – 2013)
<http://www.ncbi.nlm.nih.gov/pubmed/23333350>

Endocannabinoid system and drug addiction: new insights from mutant mice approaches.
(abst – 2013) <http://www.ncbi.nlm.nih.gov/pubmed/23490550>

Lipids and addiction: how sex steroids, prostaglandins, and cannabinoids interact with drugs of abuse. (abst – 2013) <http://www.ncbi.nlm.nih.gov/pubmed/23510307>

Role of intra-accumbal cannabinoid CB1 receptors in the potentiation, acquisition and expression of morphine-induced conditioned place preference. (abst – 2013)
<http://www.ncbi.nlm.nih.gov/pubmed/23523958>

Probability and predictors of transition from abuse to dependence on alcohol, cannabis, and cocaine: results from the national epidemiologic survey on alcohol and related conditions. (abst – 2013) <http://www.ncbi.nlm.nih.gov/pubmed/23721532>

Dysregulation of Cannabinoid CB1 Receptor and Associated Signaling Networks in Brains of Cocaine Addicts and Cocaine-Treated Rodents. (abst – 2013)
<http://www.ncbi.nlm.nih.gov/pubmed/23727505>

Male and Female Rats Differ in Brain Cannabinoid CB1 Receptor Density and Function and in Behavioural Traits Predisposing To Drug Addiction: Effect of Ovarian Hormones.
(abst – 2013) <http://www.ncbi.nlm.nih.gov/pubmed/23829370>

Palmitoylethanolamide: From endogenous cannabimimetic substance to innovative medicine for the treatment of cannabis dependence. (abst – 2013)
<http://www.ncbi.nlm.nih.gov/pubmed/23896215>

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

Phytocannabinoids (news – undated)

<http://www.news-medical.net/health/Phytocannabinoids.aspx>

Synthesis and Biological Activities of 2-Arachidonoylglycerol, an Endogenous Cannabinoid Receptor Ligand, and Its Metabolically Stable Ether-linked Analogues (full – 2000) http://cpb.pharm.or.jp/cpb/200007/C07_0903.pdf

Endocannabinoids control spasticity in a multiple sclerosis model (full - 2000)

<http://www.fasebj.org/cgi/reprint/00-0399fjev1?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=cannabis&andorexactfulltext=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>

2-Arachidonoylglycerol and the cannabinoid receptors. (abst – 2000)

<http://www.ncbi.nlm.nih.gov/pubmed/11106784>

Cardiovascular effects of endocannabinoids--the plot thickens. (abst - 2000)

http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Retrieve&list_uids=10785543&dopt=abstractplus

Endogenous cannabinoids and appetite. (abst – 2000)

<http://www.ncbi.nlm.nih.gov/pubmed/19087417>

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=&hits=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?sid=750cba66-d3d1-484d-96e8-04975ba34325>

The neurobiology and evolution of cannabinoid signalling (abst – 2001)
http://rstb.royalsocietypublishing.org/content/356/1407/381.abstract?ijkey=3aad97283bf56bae0ada89fe6c25ef27a702e9ba&keytype2=tf_ipsecsha

An endogenous cannabinoid (2-AG) is neuroprotective after brain injury. (abst - 2001) <http://www.ncbi.nlm.nih.gov/pubmed/11586361>

Sourcing the Code: Searching for the Evolutionary Origins of Cannabinoid Receptors, Vanilloid Receptors, and Anandamide (full – 2002)
<http://www.cannabis-med.org/data/pdf/2002-01-3.pdf>

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 cannabinioids. (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=pubmed>

Changes in endocannabinoid contents in the brain of rats chronically exposed to nicotine, ethanol or cocaine. (abst – 2002) <http://www.ncbi.nlm.nih.gov/pubmed/12393235>

Endocannabinoids and related fatty acid derivatives in pain modulation. (abst – 2002)
<http://www.ncbi.nlm.nih.gov/pubmed/12505698>

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>

Cannabinoid influences on palatability: microstructural analysis of sucrose drinking after delta(9)-tetrahydrocannabinol, anandamide, 2-arachidonoyl glycerol and SR141716. (abst – 2003) <http://www.ncbi.nlm.nih.gov/pubmed/12447606>

Short-term fasting and prolonged semistarvation have opposite effects on 2-AG levels in mouse brain. (abst – 2003) <http://www.ncbi.nlm.nih.gov/pubmed/12914975>

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?ikey=951f5f9d238bdf059cf30ee2be3a5a31aaf2b094>

The endocannabinoid-CB receptor system: Importance for development and in pediatric disease. (abst - 2004) <http://www.ncbi.nlm.nih.gov/pubmed/15159678>

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)
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CANCER - OVARIAN

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CANCER - PANCREATIC

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CANCER - PITUITARY ADENOMA

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CANCER – PROSTATE*

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<http://www.news-medical.net/health/Phytocannabinoids.aspx>

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<http://norml.org/library/item/introduction-to-the-endocannabinoid-system>

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

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

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

Immunoactive cannabinoids: Therapeutic prospects for marijuana constituents (full - 2000) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC34030/?tool=pubmed>

Variations of D9-THC content in single plants of hemp varieties (full - 2000)
<http://www.ukcia.org/research/VariationOfTHCContent.pdf>

Cannabinoids in clinical practice. (abst - 2000)
<http://www.ncbi.nlm.nih.gov/pubmed/11152013>

Cannabis and Cannabis Extracts: Greater Than the Sum of Their Parts? (full - 2001)
<http://www.cannabis-med.org/membersonly/mo.php?aid=2001-03-04&fid=2001-03-04-7&mode=p&sid=>

Chapter 3: Cannabis and Marinol Compared (book excerpt - 2001)
http://www.or-coast.net/contigo/PDF%201%20Files/chpt_3.pdf

Natural cannabis 'better than extracts' (news - 2001)
<http://news.bbc.co.uk/2/hi/health/1261737.stm>

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Cannabis can help MS sufferers (news - 2003) (may need registration)
<http://www.newscientist.com/article/dn4356-cannabis-can-help-ms-sufferers.html>

Efficacy, safety and tolerability of an orally administered cannabis extract in the treatment of spasticity in patients with multiple sclerosis: a randomized, double-blind, placebo-controlled, crossover study. (full - 2004)
<http://www.ukcia.org/research/EfficacySafetyTolerabilityInMSSpasticityTreatment.pdf>

Initial experiences with medicinal extracts of cannabis for chronic pain: Results from 34 'N of 1' studies (full - 2004) <http://www.ukcia.org/research/InitialExperiencesChronicPain.pdf>

Efficacy of two cannabis based medicinal extracts for relief of central neuropathic pain from brachial plexus avulsion: results of a randomised controlled trial (full - 2004)
<http://www.ukcia.org/research/CentralNeuropathicPainEfficacy.pdf>

Cannabis truly helps multiple sclerosis sufferers (news - 2004)
(may need registration)
<http://www.newscientist.com/article/dn6387-cannabis-truly-helps-multiple-sclerosis-sufferers.html>

Plant cannabinoids: a neglected pharmacological treasure trove. (full - 2005)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1751232/?tool=pubmed>

Chemical constituents of marijuana: the complex mixture of natural cannabinoids.
(full - 2005) <http://www.scribd.com/doc/46441536/Chem-Constitutes-of-Marijuana>

A tale of two cannabinoids: The therapeutic rationale for combining tetrahydrocannabinol and cannabidiol. (full - 2006)
http://mcforadhd.free.fr/Russo_Tale_of_Two_Cannabinoids_Med_Hypoth_2006.pdf

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>

The multidrug transporter ABCG2 (BCRP) is inhibited by plant-derived cannabinoids.
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<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2189766/?tool=pubmed>

Endocannabinoids and Related Compounds: Walking Back and Forth between Plant Natural Products and Animal Physiology (full - 2007)
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<http://www.ncbi.nlm.nih.gov/pubmed/17712816>

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<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219532/>

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<http://www.scribd.com/doc/7718968/Antibacterial-Cannabinoids-From-Cannabis-Sativa-A-StructureActivity-Study>

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Non-psychoactive plant cannabinoids: new therapeutic opportunities from an ancient herb (full - 2009) <http://cannabisinternational.org/info/Non-Psychoactive-Cannabinoids.pdf>

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<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2697695/?tool=pubmed>

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Phytocannabinoid scientists unveils lozenge to treat H1N1 swine flu and H5N1 bird flu (news/ad - 2009)

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(abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20975531>

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<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2982.2011.01689.x/full>

Evaluation of the Cyclooxygenase Inhibiting Effects of Six Major Cannabinoids Isolated from Cannabis sativa (full – 2011)

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The Endocannabinoid System: Plant-Derived Cannabinoids in Diabetes and Diabetic Complications. (full – 2011) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3349875/>

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<http://cannabisclinicians.org/2011/cbd-tops-the-chart/>

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POISONING – PARAQUAT*

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POST-OPERATIVE PAIN

Cannabinoid CB2 receptor agonist activity in the hindpaw incision model of postoperative pain. (abst - 2005) <http://www.ncbi.nlm.nih.gov/pubmed/16316653>

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POST POLIO SYNDROME

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<https://www.marijuanadoctors.com/content/ailments/view/54?ailment=post-polio-syndrome-pps->

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The endogenous cannabinoid system controls extinction of aversive memories. (abst - 2002) <http://www.ncbi.nlm.nih.gov/pubmed/12152079>

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<http://news.bbc.co.uk/2/hi/health/2163405.stm>
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<http://cannabisnews.com/news/13/thread13601.shtml>
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<http://www.scientificamerican.com/article.cfm?id=cannabis-like-brain-chemi>
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http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=123#1
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- Natural high helps banish bad memories (news - 2002) (may need registration)
<http://www.newscientist.com/article/dn2616-natural-high-helps-banish-bad-memories.html>
- Israel to soothe soldiers with marijuana (news - 2004)
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- Enhancing Cannabinoid Neurotransmission Augments the Extinction of Conditioned Fear (full - 2005) <http://www.nature.com/npp/journal/v30/n3/full/1300655a.html>
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<http://www.jneurosci.org/cgi/content/full/26/25/6677?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=400&resourcetype=HWCIT>
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<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2789283/?tool=pmcentrez>
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<http://marijuana.researchtoday.net/archive/4/8/1378.htm>

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http://salem-news.com/articles/june142007/leveque_61407.php

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also see PERINATAL HYPOXIC-ISCHEMIC INJURY, CHILDREN

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VISION*- also see GLAUCOMA

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YOUNG ADULTS - see CHILDREN/ YOUNG ADULTS