

Granny Storm Crow's MMJ Reference List- July 2012

2012 is supposed to be a year of change, and the stage is set for the legalization of cannabis! The United States Court of Appeals for the D.C. Circuit has agreed to hear the arguments of the Americans for Safe Access against the Drug Enforcement Administration. While a recent Rasmussen poll of likely voters puts support for legalization at 56%. At PubMed, the number of new studies on cannabis, cannabinoids, and the endocannabinoid system is at an all-time high. Oregon, Washington, and Colorado have legalization on their ballots this fall. And even the conservative religious icon, Pat Robertson, has come out in favor legalizing cannabis!

The repeal of cannabis prohibition is an idea whose time has clearly come!

One by one, the old prohibitionist's myths are falling by the wayside to be replaced by medical facts based on scientific research. But the things we learn as children are often hard to forget. Many people still believe the "facts" about cannabis that they were told in DARE assemblies in school. They are unaware of the medical potential of cannabis and how cannabis can supplement our body's own healing endocannabinoids.

This lack of knowledge can be fatal! Women need to know that CBD from cannabis can slow the progress of aggressive breast cancers. Everyone should be aware that when it comes to preventing Alzheimer's, THC greatly outperforms Aricept. And in the 1950s, it was discovered that a simple cannabis extract kills 100% of drug-resistant Staph aureus germs on contact. Drug-resistant Staph aureus is now called MRSA, the flesh-eating bacteria.

So why is none of this common knowledge? If it had been any other plant that had been proven to slow breast cancer, Alzheimer's and MRSA, with no serious side effects, it would be hailed as the miracle cure of the millennium! This prohibition foolishness has to end because it is costing people their lives, their health, their freedom and their peace of mind! I am hoping that my collection of studies and articles will help you educate those around you. We must end the ignorance!

I am not altogether happy with the number of studies in this List that are based on the synthetic cannabinoids, I would prefer to stick with the natural ones. Yet the synthetics are what the scientists prefer to use since the results are more consistent than those with "Cannabis sativa". However, the synthetics are merely imitations, or modifications, of the natural phytocannabinoids and endocannabinoids, and whatever a synthetic can do, a natural cannabinoid can also do.

The study of the endocannabinoid system and cannabinoids is the future of medicine. This collection provides ample proof of that. All we have to do is keep presenting the facts about cannabis and legalization will happen. Once the medical facts about cannabis become known, the need for legalization becomes obvious!

The truth is, cannabis is a remarkably safe and effective herbal medicine. And if the truth won't do, then something is wrong

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>

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

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

The cannabinoids R(-)-7-hydroxy-delta-6-tetra-hydrocannabinol-dimethylheptyl (HU-210), 2-O-arachidonoylglycerylether (HU-310) and arachidonyl-2-chloroethylamide (ACEA) increase isoflurane provoked sleep duration by activation of cannabinoids 1 (CB1)-receptors in mice. (abst – 2002) <http://www.ncbi.nlm.nih.gov/pubmed/12095655>

In vivo effects of CB1 receptor ligands on lipid peroxidation and antioxidant defense systems in the rat brain of healthy and ethanol-treated rats. (full – 2006) http://www.if-pan.krakow.pl/pjp/pdf/2006/6_876.pdf

Differential effect of cannabinoid agonists and endocannabinoids on histamine release from distinct regions of the rat brain. (full – 2006) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1769340/?tool=pubmed>

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) <http://www.ncbi.nlm.nih.gov/pubmed/16930590>

Opposing control of cannabinoid receptor stimulation on amyloid-beta-induced reactive gliosis: in vitro and in vivo evidence. (full - 2007) <http://jpet.aspetjournals.org/content/322/3/1144.long>

Ultra-low dose cannabinoid antagonist AM251 enhances cannabinoid anticonvulsant effects in the pentylenetetrazole-induced seizure in mice. (abst – 2007) <http://www.ncbi.nlm.nih.gov/pubmed/17870135>

Attenuation of Experimental Autoimmune Hepatitis by Exogenous and Endogenous Cannabinoids: Involvement of Regulatory T Cells (full - 2008) <http://molpharm.aspetjournals.org/content/74/1/20.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT#content-block>

Cannabinoid modulation of cutaneous Adelta nociceptors during inflammation. (full – 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2585399/?tool=pubmed>

Cannabinoid-mediated antinociception is enhanced in rat osteoarthritic knees. (full – 2008) <http://onlinelibrary.wiley.com/doi/10.1002/art.23156/full>

Cannabinoid receptor activation induces apoptosis through tumor necrosis factor alpha-mediated ceramide de novo synthesis in colon cancer cells. (full – 2008)
<http://clincancerres.aacrjournals.org/content/14/23/7691.long>

Additive Interaction of the Cannabinoid Receptor I Agonist Arachidonyl-2-chloroethylamide with Etomidate in a Sedation Model in Mice (full – 2008)
[http://journals.lww.com/anesthesiology/Fulltext/2008/04000/Additive Interaction of the Cannabinoid Receptor I.19.aspx](http://journals.lww.com/anesthesiology/Fulltext/2008/04000/Additive_Interaction_of_the_Cannabinoid_Receptor_I.19.aspx)

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

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)
<http://onlinelibrary.wiley.com/doi/10.1111/j.1528-1167.2009.02098.x/full>

Involvement of nitrgergic system in the anticonvulsant effect of the cannabinoid CB(1) agonist ACEA in the pentylenetetrazole-induced seizure in mice. (abst – 2009)
<http://www.ncbi.nlm.nih.gov/pubmed/19223154>

Involvement of nitric oxide in the gastroprotective effect of ACEA, a selective cannabinoid CB1 receptor agonist, on aspirin-induced gastric ulceration. (abst – 2009)
<http://www.ncbi.nlm.nih.gov/pubmed/19827302>

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)
<http://www.ncbi.nlm.nih.gov/pubmed/19751793>

Role of cannabinoid CB1 receptors on macronutrient selection and satiety in rats. (abst – 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19150453>

Regulatory Role of Cannabinoid Receptor 1 in Stress-Induced Excitotoxicity and Neuroinflammation (full - 2010)
<http://www.nature.com/npp/journal/vaop/ncurrent/full/npp2010214a.html>

Alkamides and a neolignan from Echinacea purpurea roots and the interaction of alkamides with G-protein-coupled cannabinoid receptors. (abst – 2011)
<http://www.ncbi.nlm.nih.gov/pubmed/21764086>

Inhibition of basal and ultraviolet B-induced melanogenesis by cannabinoid CB(1) receptors: a keratinocyte-dependent effect. (abst – 2011)
<http://www.ncbi.nlm.nih.gov/pubmed/21298280>

L-Type Calcium Channel Mediates Anticonvulsant Effect of Cannabinoids in Acute and Chronic Murine Models of Seizure. (abst – 2011)
<http://www.ncbi.nlm.nih.gov/pubmed/21928146>

Changes in the cannabinoid (CB1) receptor expression level and G-protein activation in kainic acid induced seizures. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/22079489>

Contrasting effects of different cannabinoid receptor ligands on mouse ingestive behavior (abst – 2012)
http://www.unboundmedicine.com/medline/ebm/record/22772336/abstract/Contrasting_effects_of_different_cannabinoid_receptor_ligands_on_mouse_ingestive_behaviour

CB1 Agonist ACEA Protects Neurons and Reduces the Cognitive Impairment of A β PP/PS1 Mice. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22451318>

Protective effect of cannabinoid CB1 receptor activation against altered intrinsic repetitive firing properties induced by A β neurotoxicity. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/22172925>

CB1 cannabinoid receptor activation rescues amyloid β -induced alterations in behaviour and intrinsic electrophysiological properties of rat hippocampal CA1 pyramidal neurones. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22508047>

Opposing Roles for Cannabinoid Receptor Type-1 (CB1) and Transient Receptor Potential Vanilloid Type-1 Channel (TRPV1) on the Modulation of Panic-Like Responses in Rats. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/21937980>

Contrasting protective effects of cannabinoids against oxidative stress and amyloid- β evoked neurotoxicity in vitro. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22233683>

Cannabinoids and muscular pain. Effectiveness of the local administration in rat. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22354705>

Revisiting CB1 Receptor as Drug Target in Human Melanoma. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/22447182>

Photoperiodic Changes in Endocannabinoid Levels and Energetic Responses to Altered Signalling at CB1 Receptors in Siberian Hamsters (abst – 2012)
<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2826.2012.02312.x/abstract>

Effect of ACEA-a selective cannabinoid CB1 receptor agonist on the protective action of different antiepileptic drugs in the mouse pentylenetetrazole-induced seizure model. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22789660>

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

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>

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/>

Endocannabinoid signaling and epidermal differentiation. (abst – 2011)

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

ADD/ ADHD

ADHD by Ryan P (anecdotal - undated)

http://www.rxmarijuana.com/shared_comments/ADHD4.htm

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

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

<http://www.ncbi.nlm.nih.gov/pubmed/3296662>

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://pharmgkb.org/pmid/19897083>

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://www.doublex.com/section/health-science/why-i-give-my-9-year-old-pot>

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

<http://www.doublex.com/section/health-science/why-i-give-my-9-year-old-pot-part-ii>

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>

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>

ADDICTION

An Abstinence Syndrome Following Chronic Administration of Delta-9-tetrahydrocannabinol in Rhesus Monkeys. (abst – 1980)
<http://www.ncbi.nlm.nih.gov/pubmed/6255508>

Abuse potential of dronabinol (Marinol). (abst – 1998)
<http://www.ncbi.nlm.nih.gov/pubmed/9692381>

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

Genetic differences in delta 9-tetrahydrocannabinol-induced facilitation of brain stimulation reward as measured by a rate-frequency curve-shift electrical brain stimulation paradigm in three different rat strains. (abst – 1996)
<http://www.ncbi.nlm.nih.gov/pubmed/8649214>

Cannabis dependence, withdrawal, and reinforcing effects among adolescents with conduct symptoms and substance use disorders (abst – 1997)
<http://www.sciencedirect.com/science/article/pii/S0376871698000039>

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>

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

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. (abst – 2003)

<http://medical-journals.healia.com/doc/12603227/Does-cannabis-use-predict-poor-outcome-for-heroin-dependent-patients-on-maintenance-treatment-Past-findings-and-more-evidence-against>

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/>

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>

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>

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>

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>

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

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

2-Arachidonoylglycerol: A Possible Endogenous Cannabinoid Receptor Ligand in Brain
(abst – 1995) <http://www.sciencedirect.com/science/article/pii/S0006291X85724370>

A Second Endogenous Cannabinoid That Modulates Long-term Potentiation.
(abst – 1997)
<http://medical-journals.healio.com/doc/9285589/A-second-endogenous-cannabinoid-that-modulates-long-term-potentiation>

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

2-Arachidonoyl-glycerol as an "endocannabinoid": limelight for a formerly neglected metabolite. (abst - 1998) <http://www.ncbi.nlm.nih.gov/pubmed/9526090>

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

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>

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 cannabinoids. (full – 2002) <http://jpet.aspetjournals.org/content/300/1/34.long>

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CARDIOVASCULAR Effects of AM281, a cannabinoid antagonist, on systemic haemodynamics, internal carotid artery blood flow and mortality in septic shock in rats (abst – 2005) <http://academic.research.microsoft.com/Paper/11905213>

Effects of AM281, a cannabinoid antagonist, on circulatory deterioration and cytokine production in an endotoxin shock model: comparison with norepinephrine. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/17072693>

The GPR55 ligand L-alpha-lysophosphatidylinositol promotes RhoA-dependent Ca²⁺ signaling and NFAT activation. (full – 2009) <http://www.fasebj.org/content/23/1/183.long>

GPR55 ligands promote receptor coupling to multiple signalling pathways. (full – 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2931561/?tool=pubmed>

Expression of cannabinoid CB1 receptors by vagal afferent neurons: kinetics and role in influencing neurochemical phenotype (full – 2010) <http://ajpgi.physiology.org/content/299/1/G63.full?sid=fc6948f0-78cf-405c-981b-afaa05ee417c>

Cannabinoid receptor-dependent and -independent anti-proliferative effects of omega-3 ethanolamides in androgen receptor-positive and -negative prostate cancer cell lines. (full – 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2930808/?tool=pubmed>

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>

Regulation of endocannabinoid release by G proteins: A paracrine mechanism of G protein-coupled receptor action. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22075205>

AM-404 – CB1 agonist

Synergistic Interactions between Cannabinoids and Environmental Stress in the Activation of the Central Amygdala (full - 2005)

<http://www.nature.com/npp/journal/v30/n3/full/1300535a.html>

Enhancing Cannabinoid Neurotransmission Augments the Extinction of Conditioned Fear (full - 2005) <http://www.nature.com/npp/journal/v30/n3/full/1300655a.html>

Anxiolytic-like properties of the anandamide transport inhibitor AM404. (full – 2006)

<http://www.nature.com/npp/journal/v31/n12/full/1301061a.html>

Δ9-Tetrahydrocannabinol (THC) and AM 404 protect against cerebral ischaemia in gerbils through a mechanism involving cannabinoid and opioid receptors (full - 2007)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2189998/?tool=pmcentrez>

Pharmacological elevation of anandamide impairs short-term memory by altering the neurophysiology in the hippocampus. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21767554>

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](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)

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.ncbi.nlm.nih.gov/pubmed/21557729>

Endocannabinoid analogues exacerbate marble-burying behavior in mice via TRPV1 receptor. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22248639>

Effects of the anandamide uptake blocker AM404 on food intake depend on feeding status and route of administration. (abst – 2012)

<http://www.ncbi.nlm.nih.gov/pubmed/22133635>

Inhibition of fatty acid amide hydrolase by URB597 attenuates the anxiolytic-like effect of acetaminophen in the mouse elevated plus-maze test. (abst – 2012)

<http://www.ncbi.nlm.nih.gov/pubmed/22750843>

AM-630 – synthetic, CB2 antagonist

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

<http://www.ncbi.nlm.nih.gov/pubmed/7776818>

Cannabinoid CB2 receptor activation reduces mouse myocardial ischemia-reperfusion injury: involvement of cytokine/chemokines and PMN (full - 2003)

<http://www.jleukbio.org/cgi/content/full/75/3/453?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT>

Inhibition of Inflammatory Hyperalgesia by Activation of Peripheral CB2 Cannabinoid Receptors (full – 2003)

http://journals.lww.com/anesthesiology/Fulltext/2003/10000/Inhibition_of_Inflammatory_Hyperalgesia_by_31.aspx

Antinociceptive effect of cannabinoid agonist WIN 55,212–2 in rats with a spinal cord injury (full - 2006)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1861843/?tool=pmcentrez>

Inhibition of Salivary Secretion by Activation of Cannabinoid Receptors (full - 2006)

<http://ebm.rsmjournals.com/cgi/content/full/231/8/1421?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=880&resourcetype=HWCIT>

Regulation of Bone Mass, Osteoclast Function, and Ovariectomy-Induced Bone Loss by the Type 2 Cannabinoid Receptor (full - 2008)

<http://endo.endojournals.org/cgi/content/full/149/11/5619?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=240&resourcetype=HWCIT>

Attenuation of Experimental Autoimmune Hepatitis by Exogenous and Endogenous Cannabinoids: Involvement of Regulatory T Cells (full - 2008)

<http://molpharm.aspetjournals.org/content/74/1/20.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT#content-block>

Cannabinoid CB2 Receptor Potentiates Obesity-Associated Inflammation, Insulin Resistance and Hepatic Steatosis (full - 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2688760/?tool=pubmed>

A nonsynonymous polymorphism in cannabinoid CB2 receptor gene is associated with eating disorders in humans and food intake is modified in mice by its ligands.

(abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/19768813>

Cannabinoid receptor-dependent and -independent anti-proliferative effects of omega-3 ethanolamides in androgen receptor-positive and -negative prostate cancer cell lines.

(full – 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2930808/?tool=pubmed>

Cannabinoid receptor-2 (CB2) agonist ameliorates colitis in IL-10(-/-) mice by attenuating the activation of T cells and promoting their apoptosis. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/22119709>

Cannabinoid-2 Receptor Activation Protects against Infarct and Ischemia/Reperfusion Heart Injury. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/22113346>

Effects of a Selective Cannabinoid CB2 Agonist and Antagonist on Intravenous Nicotine Self Administration and Reinstatement of Nicotine Seeking. (full – 2012)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3266883/?tool=pubmed>

Cannabinoids and muscular pain. Effectiveness of the local administration in rat. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22354705>

Cannabinoids ameliorate disease progression in a model of multiple sclerosis in mice, acting preferentially through CB(1) receptor-mediated anti-inflammatory effects. (abst - 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22342378>

Cannabinoid receptor 2 agonist ameliorates mesenteric angiogenesis and portosystemic collaterals in cirrhotic rats. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22290687>

AM -678 - see JWH -100

AM-694 – synthetic, CB1 & CB2 agonist

Beyond THC: The New Generation of Cannabinoid Designer Drugs. (full – 2011)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3187647/?tool=pubmed>

The impact of changes in UK classification of the synthetic cannabinoid receptor agonists in 'Spice'. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21482092>

The detection of the urinary metabolites of 1-[(5-fluoropentyl)-1H-indol-3-yl]-(2-iodophenyl)methanone (AM-694), a high affinity cannabimimetic, by gas chromatography - mass spectrometry. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/22522907>

AM-1241 - synthetic, CB 2 agonist

Activation of CB2 cannabinoid receptors by AM1241 inhibits experimental neuropathic pain: Pain inhibition by receptors not present in the CNS (full - 2003)
<http://www.pnas.org/content/100/18/10529.full>

Inhibition of Inflammatory Hyperalgesia by Activation of Peripheral CB2 Cannabinoid Receptors (full – 2003)
http://journals.lww.com/anesthesiology/Fulltext/2003/10000/Inhibition_of_Inflammatory_Hyperalgesia_by_31.aspx

New Compound That Acts On Peripheral Receptors May Be Promising Treatment For Some Nerve Pain (news - 2003)
<http://www.sciencedaily.com/releases/2003/08/030812073750.htm>

CB2 cannabinoid receptor activation produces antinociception by stimulating peripheral release of endogenous opioids (full - 2005) <http://www.pnas.org/content/102/8/3093.full>

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

In vitro pharmacological characterization of AM1241: a protean agonist at the cannabinoid CB2 receptor? (full - 2006)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2013801/?tool=pubmed>

AM1241, a cannabinoid CB2 receptor selective compound, delays disease progression in a mouse model of amyotrophic lateral sclerosis. (abst - 2006)
<http://www.ncbi.nlm.nih.gov/pubmed/16781706>

The CB2 cannabinoid agonist AM-1241 prolongs survival in a transgenic mouse model of amyotrophic lateral sclerosis when initiated at symptom onset (full - 2007)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2819701/?tool=pmcentrez>

Peripheral Cannabinoids Attenuate Carcinoma Induced Nociception in Mice (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2771220/>

Selective Activation of Cannabinoid CB2 Receptors Suppresses Neuropathic Nociception Induced by Treatment with the Chemotherapeutic Agent Paclitaxel in Rats (full - 2008)
<http://jpet.aspetjournals.org/content/327/2/584.full#content-block>

The endocannabinoid system in amyotrophic lateral sclerosis. (abst - 2008)
<http://www.ncbi.nlm.nih.gov/pubmed/18781981>

Activation of the cannabinoid 2 receptor (CB2) protects against experimental colitis. (full - 2009) <http://onlinelibrary.wiley.com/doi/10.1002/ibd.20960/full>

Spinal and peripheral analgesic effects of the CB cannabinoid receptor agonist AM1241 in two models of bone cancer-induced pain. (full - 2010)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2931557/?tool=pubmed>

A cannabinoid 2 receptor agonist attenuates bone cancer-induced pain and bone loss. (abst - 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20176037>

Cannabinoids attenuate cancer pain and proliferation in a mouse model.
(full - 2011) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3099480/?tool=pubmed>

Self-medication of a cannabinoid CB(2) agonist in an animal model of neuropathic pain.
(abst – 2011)
http://www.unboundmedicine.com/medline/ebm/record/21550725/abstract/Self_medication_of_a_cannabinoid_CB_2_agonist_in_an_animal_model_of_neuropathic_pain

Regulation of hematopoietic stem cell trafficking and mobilization by the endocannabinoid system. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/22074629>

Cannabinoid receptor 2 and its agonists mediate hematopoiesis and hematopoietic stem and progenitor cell mobilization. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21063029>

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

Effects of a Selective Cannabinoid CB2 Agonist and Antagonist on Intravenous Nicotine Self Administration and Reinstatement of Nicotine Seeking. (full – 2012)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3266883/?tool=pubmed>

Therapeutic modulation of cannabinoid lipid signaling: Metabolic profiling of a novel antinociceptive cannabinoid-2 receptor agonist. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/22749867>

Prevention of Fibrosis Progression in CCl4-Treated Rats: Role of the Hepatic Endocannabinoid and Apelin Systems (abst – 2012)
<http://jpet.aspetjournals.org/content/340/3/629.abstract?sid=ae58f15a-06bb-4a81-b850-61bb89fd59f5>

AM-1346 - synthetic, CB1 agonist

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

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

Cannabis-based boost for smokers' suffering sperm (news - 2006)
(may need registration)
<http://www.newscientist.com/article/dn10362-cannabisbased-boost-for-smokers-suffering-sperm.html>

Effects of AM1346, a high-affinity CB1 receptor selective anandamide analog, on open-field behavior in rats. (abst – 2007) <http://www.ncbi.nlm.nih.gov/pubmed/17912052>

Discriminative stimulus functions in rats of AM1346, a high-affinity CB1R selective anandamide analog. (full – 2008)
<http://www.springerlink.com/content/n278340k6q47141k/fulltext.html>

Scientist Discovers New Molecule to Treat Chronic Pain (news - 2008)
<http://www.physorg.com/news137778721.html>

AM-1710 – synthetic, CB2 agonist

Pharmacological characterization of AM1710, a putative cannabinoid CB(2) agonist from the cannabillactone class: Antinociception without central nervous system side-effects. (abst – 2011)
http://www.unboundmedicine.com/medline/ebm/record/21382397/abstract/Pharmacological_characterization_of_AM1710_a_putative_cannabinoid_CB_2_agonist_from_the_cannabillactone_class:_Antinociception_without_central_nervous_system_side_effects

Intrathecal cannabillactone CB(2)R agonist, AM1710, controls pathological pain and restores basal cytokine levels. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/22425445>

AM-2201 – synthetic, CB1 agonist

Analysis of 30 synthetic cannabinoids in serum by liquid chromatography-electrospray ionization tandem mass spectrometry after liquid-liquid extraction (abst – 2012)
<http://onlinelibrary.wiley.com/doi/10.1002/jms.3020/abstract>

AM -2233 – synthetic, CB1 agonist

F200A substitution in the third transmembrane helix of human cannabinoid CB1 receptor converts AM2233 from receptor agonist to inverse agonist. (abst – 2006)
<http://www.ncbi.nlm.nih.gov/pubmed/16438957>

Evaluation of the in vivo receptor occupancy for the behavioral effects of cannabinoids using a radiolabeled cannabinoid receptor agonist, R-[125/131I]AM2233. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16715483>

Another nail in coffin of synthetic cannabis (news – 2011)
<http://tvnz.co.nz/national-news/another-nail-in-coffin-synthetic-cannabis-4666168?ref=rss>

AM- 4054 - synthetic, CB1 agonist

Behavioral Profile of the Novel Cannabinoid Agonist AM4054 (thesis - 2006)
http://digitalcommons.uconn.edu/cgi/viewcontent.cgi?article=1016&context=srhonors_theses&sei-redir=1#search=%22am-4054%20%2Bcannabinoid%22

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&RESULTFORMA T=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=800&resourcetype=HWCIT

AM- 4113 – synthetic, CB1 antagonist

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&RESULTFORMA T=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=800&resourcetype=HWCIT

The neutral cannabinoid CB₁ receptor antagonist AM4113 regulates body weight through changes in energy intake in the rat. (abst – 2011)
<http://www.ncbi.nlm.nih.gov/pubmed/21056053>

The CB(1) Receptor-Mediated Endocannabinoid Signaling and NGF: The Novel Targets of Curcumin. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22311129>

AM 6545 – synthetic, CB1 antagonist

Rehashing endocannabinoid antagonists: can we selectively target the periphery to safely treat obesity and type 2 diabetes? (full – 2010)
[http://www.jci.org/articles/view/44099?search\[abstract_text\]=&search\[article_text\]=cannabinoid&search\[authors_text\]=&search\[fpage\]=&search\[title_text\]=&search\[volume\]=](http://www.jci.org/articles/view/44099?search[abstract_text]=&search[article_text]=cannabinoid&search[authors_text]=&search[fpage]=&search[title_text]=&search[volume]=)

AM 6701 – synthetic, equally blocks the break-down of 2-AG and anandamide

Equipotent Inhibition of Fatty Acid Amide Hydrolase and Monoacylglycerol Lipase - Dual Targets of the Endocannabinoid System to Protect against Seizure Pathology.
(abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22270809>

AM 6702 - synthetic, strongly block s the break-down of anandamide, weakly 2-AG

Equipotent Inhibition of Fatty Acid Amide Hydrolase and Monoacylglycerol Lipase - Dual Targets of the Endocannabinoid System to Protect against Seizure Pathology.
(abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22270809>

AMOTIVATIONAL SYNDROME

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

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

Marihuana use. Biologic and behavioral aspects. (abst – 1976)
<http://www.ncbi.nlm.nih.gov/pubmed/981073>

Lifetime Prevalence of "Amotivational Syndrome", Among Users and Non-Users of Hashish (full – 1987) <http://druglibrary.org/schaffer/hemp/general/amot.htm>

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

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

Rimonabant eliminates responsiveness to workload changes in a time-constrained food-reinforced progressive ratio procedure in rats. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/22425597>

Associations of Alcohol, Nicotine, Cannabis, and Drug Use/Dependence with Educational Attainment: Evidence from Cotwin-Control Analyses. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/22587016>

AMYRINS – phytochemicals that inhibit the breakdown of 2-AG

Activation of cannabinoid receptors by the pentacyclic triterpene α,β -amyrin inhibits inflammatory and neuropathic persistent pain in mice. (abst – 2011)
<http://www.ncbi.nlm.nih.gov/pubmed/21620566>

The antinociceptive triterpene β -amyrin inhibits 2-arachidonoylglycerol (2-AG) hydrolysis without directly targeting CB receptors. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/22646533>

ANANDAMIDE / AEA – endocannabinoid, CB 1 & 2 agonist

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

Isolation and Structure of a Brain Constituent That Binds to the Cannabinoid Receptor. (abst – 1992) <http://www.ncbi.nlm.nih.gov/pubmed/1470919>

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

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

Pharmacological activity of the cannabinoid receptor agonist, anandamide, a brain constituent. (abst – 1993) <http://www.ncbi.nlm.nih.gov/pubmed/8384116>

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

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

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

Anandamide and delta 9-THC dilation of cerebral arterioles is blocked by indomethacin (abst - 1995)
<http://ajpheart.physiology.org/cgi/content/abstract/269/6/H1859?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=2320&resourcetype=HWCIT>

Novel antagonist implicates the CB1 cannabinoid receptor in the hypotensive action of anandamide. (abst – 1995) <http://www.ncbi.nlm.nih.gov/pubmed/7589169>

The CB1 cannabinoid receptor antagonist SR 141716A affects A9 dopamine neuronal activity in the rat. (abst – 1995) <http://www.ncbi.nlm.nih.gov/pubmed/7488739>

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

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

Patent 5631297 - Anandamides useful for the treatment of intraocular hypertension, ophthalmic compositions containing the same and methods of use of the same (full – 1997) <http://www.patentstorm.us/patents/5631297/fulltext.html>

Activation of peripheral CB1 cannabinoid receptors in haemorrhagic shock. (abst – 1997) <http://www.ncbi.nlm.nih.gov/pubmed/9394002>

Anandamide : The molecule of extreme pleasure (report– 1997)
<http://www.chm.bris.ac.uk/motm/anandamide/ananh.htm>

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

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

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

Cardiovascular actions of cannabinoids and their generation during shock. (abst – 1998)
<http://www.ncbi.nlm.nih.gov/pubmed/9846953>

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

Doped skin (news - 1998) (may need registration)

<http://www.newscientist.com/article/mg15921434.700-doped-skin.html>

Pain modulation by release of the endogenous cannabinoid anandamide (full - 1999)

<http://www.pnas.org/content/96/21/12198.full>

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

<http://medical-journals.healia.com/doc/10515300/Cannabis-discrimination-of-internal-bliss>

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

(news - 1999) <http://www.sciencedaily.com/releases/1999/10/991013074947.htm>

Links found between marijuana and vision (news – 1999)

<http://archives.cnn.com/1999/HEALTH/12/07/science.marijuana/index.html>

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

(news - 1999) <http://www.sciencedaily.com/releases/1999/03/990323050735.htm>

Why your brain is primed for a high (news - 1999) (may need registration)

<http://www.newscientist.com/article/mg16121792.000-why-your-brain-is-primed-for-a-high.html>

Anandamide Induces Apoptosis in Human Cells via Vanilloid Receptors (full - 2000)

<http://www.jbc.org/content/275/41/31938.full>

Endocannabinoids and Vascular Function (full - 2000)

<http://jpet.aspetjournals.org/content/294/1/27.long>

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>

Effects of cannabinoid receptor agonists on neuronally-evoked contractions of urinary
bladder tissues isolated from rat, mouse, pig, dog, monkey and human (full - 2000)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1571997/?tool=pmcentrez>

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

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Normal Human Pituitary Gland and Pituitary Adenomas Express Cannabinoid Receptor Type 1 and Synthesize Endogenous Cannabinoids: First Evidence for a Direct Role of Cannabinoids on Hormone Modulation at the Human Pituitary Level (full - 2001)
<http://jcem.endojournals.org/cgi/content/full/86/6/2687?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=1760&resourcetype=HWCIT>

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Marijuana Less Harmful to Lungs than Cigarettes (news - 1994)
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Smoking Marijuana Does Not Cause Lung Cancer (news - 2005)
<http://www.mapinc.org/drugnews/v05/n1065/a03.html>

Cannabis Smoke Is Less Likely To Cause Cancer Than Tobacco Smoke (news - 2005)
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Blunt Smokers Link Dependence Potential To Nicotine (news - 2006)
<http://www.medicalnewstoday.com/articles/52838.php>

Marijuana Smoking Found Non-Carcinogenic (news - 2006)
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Cannabis Smoke and Cancer: Assessing the Risk (news - 2008)
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<http://www.thefreelibrary.com/Hypothesizing+that+marijuana+smokers+are+at+a+significantly+lower...-a0196052086>

CANCER - SKIN

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<http://www.sciencedaily.com/releases/2008/05/080515072642.htm>

U of Minnesota researcher discovers the starting point of sun-induced skin cancer (news – 2008)
<http://www.bio-medicine.org/medicine-news-1/U-of-Minnesota-researcher-discovers-the-starting-point-of-sun-induced-skin-cancer-19419-1/>

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<http://www.businesswire.com/news/home/20110406006516/en/Cannabis-Science-Physician%E2%80%99s-Documentation-Confirms-Successful-Treatment>

CANCER – SQUAMOUS CELL CARCINOMA

Inhibition of skin tumor growth and angiogenesis in vivo by activation of cannabinoid receptors (full – 2003) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC151833/>

Marijuana use and Risk of Oral Squamous Cell Carcinoma (full - 2004)
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carcinoma development and progression: Recent advances and challenges.
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Cannabis Oil Shrinks “One Of The Worst” Cancers (news – infomercial – 2012)
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<http://cannabiscureuk.wordpress.com/2012/01/11/breaking-news-cannabis-science-inc-cannabis-oil-shrinks-one-of-the-worst-cancers/>

CANCER - TESTICULAR

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

Crossover comparison of the antiemetic efficacy of nabilone and alizapride in patients
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CANCER - THYMOMA

A comparative study on cannabidiol-induced apoptosis in murine thymocytes and EL-4
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CANCER - THYROID

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CANCER - VARIOUS/ UNNAMED

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CBR - GPR55/ CB3 CANNABINOID RECEPTOR

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

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Reposition of a dislocated shoulder under use of cannabis. (abst – 2009) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=408

MUSCULAR DYSTROPHY/ MD

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

For some chronically ill patients, pot succeeds where painkillers fail (news/ anecdotal - 2009) <http://www.nashuatelegraph.com/apps/pbcs.dll/article?AID=/20090211/NEWS01/302119895>

Medical Marijuana use for Muscular Dystrophy (news – 2009) http://photos.nj.com/star-ledger/2009/09/medical_marijuana_use_for_musc_8.html

Medical Marijuana and Muscular Dystrophy (news – 2009) <https://www.marijuanadoctors.com/content/ailments/view/114?ailment=muscular-dystrophy>

MYOCLONUS DIAPHRAGMATIC FLUTTER

Teen says marijuana has been a lifesaver (news – 2012)
<http://www.gazette.com/articles/seizes-134241-chaz-teen.html>

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

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

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

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Cannabinoids. II. Cardiovascular Effects (full - 1980)
http://jpet.aspetjournals.org/content/214/1/131.full.pdf+html?ijkey=e751d405c4b7e494c235b602119e4f9b8c62c04d&keytype=tf_ipsecsha

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http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=131

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

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Respiratory and cardiovascular depressant effects of nabilone, N-methyllevonantradol and delta 9-tetrahydrocannabinol in anesthetized cats. (abst - 1983)
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Acute Effects of Natural and Synthetic Cannabis Compounds on Prolactin Levels in Human Males. (abst - 1984) <http://www.ncbi.nlm.nih.gov/pubmed/6320226>

A cross-over comparison of nabilone and prochlorperazine for emesis induced by cancer chemotherapy. (abst - 1985)
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Nabilone: an alternative antiemetic for cancer chemotherapy. (abst - 1986)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=123

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

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The synthetic cannabinoid nabilone improves pain and symptom management in cancer patients (abst - 2006) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=177

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NAMISOL – a THC tablet

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OLEOYLETHANOLAMINE / OEA - endocannabinoid, an anandamide analog, GPR 119 agonist

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<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2528830/?tool=pubmed>
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- Circulating endocannabinoids and N-acyl ethanolamines are differentially regulated in major depression and following exposure to social stress. (full – 2009)
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Hemp Packs in Powerful Source of Preconception Nutrition (article - undated)
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<http://www.hempfood.com/IHA/iha03208.html>

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<http://www.livestrong.com/article/379150-hemp-seed-oil-for-anxiety/>

Research provides new clues to understand link between deficits of AGPO-3, depression (news – 2011)

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<http://stopthedrugwar.org/chronicle-old/299/notransplant.shtml>

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New Weapon In Battle Against Osteoporosis (news - 2006)
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Cannabis-like compound prevents bone loss (news - 2006)
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QUITTING OTHER DRUGS

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YOUNG ADULTS - see CHILDREN/ YOUNG ADULTS