

Inhaltsangabe:

ACHILLES TENDINOSIS -1

ACNE - 1

AMOTIVATIONAL SYNDROME - 9

ANOREXIA NERVOSA - 21

ANTI-BACTERIAL PROPERTIES - 22

ANTI-INFLAMMATORY PROPERTIES - 23

ANTIMICROBIAL PROPERTIES - 27

APPETITE STIMULANT - 27

ARTHRITIS - 32

ASTHMA - 35

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

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>

www.ncbi.nlm.nih.gov/pmc/articles/PMC2757311/?tool=pubmed

Endocannabinoid signaling and epidermal differentiation. (abst – 2011)

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

- ADD/ ADHD /ADHD by Ryan P (anecdotal - no date) http://www.rxmarijuana.com/shared_comments/ADHD4.htm

www.rxmarijuana.com/shared_comments/ADHD4.htm

Marijuana and ADD Therapeutic uses of Medical Marijuana in the treatment of ADD (no date) <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>

www.ncbi.nlm.nih.gov/pubmed/3296662

How Cannabis Compares to other treatments (no date - 2008) <http://dcsafeaccess.org/medical/how-cannabis-compares-to-other-treatments/>

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>

2

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>

Cannabinoid receptors in brain: pharmacogenetics, neuropharmacology, neurotoxicology, and potential therapeutic applications (abst – 2009)
<http://pharmgkb.org/pmid/19897083>

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/> 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>

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> 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>

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>

3

AM-251 – synthetic, GPR 55 agonist, CB1 antagonist/ inverse agonist
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](#)

Influence of the CB1 receptor antagonist, AM 251, on the regional haemodynamic effects of WIN-55212-2 or HU 210 in conscious rats (full - 2002) [http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573379/?](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573379/?tool=pmcentrez)

[tool=pmcentrez](#)

CB1 cannabinoid receptor antagonism promotes remodeling and cannabinoid treatment prevents endothelial dysfunction and hypotension in rats with myocardial infarction (full - 2003) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573770/?tool=pmcentrez>

Vasodilator actions of abnormal-cannabidiol in rat isolated small mesenteric artery (full - 2003) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573773/?tool=pmcentrez>

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

[maxtoshow=&hits=80&RESULTFORMAT=&fulltext=](#)

[cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT](#)

Effects of cannabinoid receptor-2 activation on accelerated gastrointestinal transit in lipopolysaccharide-treated rats (full - 2004)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1575196/?tool=pmcentrez>

Up-Regulation of Cyclooxygenase-2 Expression Is Involved in R(+) -Methanandamide- Induced Apoptotic Death of Human Neuroglioma Cells (full - 2004) <http://science.iowamedicalmarijuana.org/pdfs/cancer/Hinz%202004.pdf>

The cannabinoid 1 receptor antagonist, AM251, prolongs the survival of rats with severe acute pancreatitis. (full - 2005) http://www.jstage.jst.go.jp/article/tjem/207/2/207_99/_article

Cannabinoids augment the release of neuropeptide Y in the rat hypothalamus (abst – 2005) [http://](http://www.sciencedirect.com/science/article/pii/S0028390805001668)

[www.sciencedirect.com/science/article/pii/S0028390805001668](#)

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/?](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1808496/?tool=pmcentrez)

[tool=pmcentrez](#)

AM 251 produces sustained reductions in food intake and body weight that are resistant to tolerance and conditioned taste aversion (full - 2006)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1615836/?tool=pmcentrez>

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>

Cannabinoid derivatives induce cell death in pancreatic MIA PaCa-2 cells via a receptor- independent mechanism. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16500647> Cardiovascular effects of cannabinoids in conscious spontaneously hypertensive rats (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190006/?tool=pmcentrez>

CANNABINOID-INDUCED HYPERPHAGIA: CORRELATION WITH INHIBITION OF PROOPIOMELANOCORTIN NEURONS? (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2720321/?tool=pmcentrez>

Cannabinoid action in the olfactory epithelium (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1815290/?tool=pmcentrez>

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>

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>

4

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

Loss of cannabinoid receptor 1 accelerates intestinal tumor growth (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2561258/?tool=pubmed>

Acute hypertension reveals depressor and vasodilator effects of cannabinoids in conscious rats (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2697765/?tool=pmcentrez>

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?](http://www.jneurosci.org/cgi/content/full/28/39/9702?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

[maxtoshow=&hits=80&RESULTFORMAT=&fullte](http://www.jneurosci.org/cgi/content/full/28/39/9702?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

[xt=cannabinoid&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT](http://www.jneurosci.org/cgi/content/full/28/39/9702?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

Feeding induced by cannabinoids is mediated independently of the melanocortin system. (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2386290/?tool=pubmed>

High concentrations of cannabinoids activate apoptosis in human U373MG glioma cells. (abst - 2008) <http://www.ncbi.nlm.nih.gov/pubmed/18615640>

Synthetic and plant-derived cannabinoid receptor antagonists show hypophagic properties in fasted and non-fasted mice (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2697695/?tool=pubmed>

Endocannabinoids in the rat basolateral amygdala enhance memory consolidation and enable glucocorticoid modulation of memory (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2660732/?tool=pmcentrez>

Modulation of motor and sensory pathways of the peristaltic reflex by cannabinoids. (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2739820/?tool=pubmed>

Endocannabinoids prevent lysosomal membrane destabilisation evoked by treatment with β -

amyloid in cultured rat cortical neurons (abst - 2009)

<http://www.physoc.org/custom2/publications/proceedings/archive/article.asp?ID=Proc%20Physiol%20Soc%2015C9>

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>

Cannabinoids and neurodegenerative diseases. (abst - 2009)

<http://www.ncbi.nlm.nih.gov/pubmed/19839933>

Effects of the cannabinoid CB1 receptor antagonist AM 251 on the reinstatement of nicotine- conditioned place preference by drug priming in rats. (full - 2009) http://www.if-pan.krakow.pl/pjp/pdf/2009/2_304.pdf

Regulation of the Hypothalamic-Pituitary-Adrenal Axis Circadian Rhythm by Endocannabinoids Is Sexually Diergic (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2964781/?tool=pmcentrez>

Cannabinoids excite circadian clock neurons. (full – 2010)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2927117/?tool=pubmed>

Cannabinoid receptor CB1 mediates baseline and activity-induced survival of new neurons in adult hippocampal neurogenesis (full - 2010)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2898685/?tool=pubmed>

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>

The Endocannabinoid System Tonically Regulates Inhibitory Transmission and Depresses the Effect of Ethanol in Central Amygdala (abst - 2010) <http://www.nature.com/npp/journal/v35/n9/abs/npp201070a.html>
Anandamide and AM251, via water, modulate food intake at central and peripheral level in fish. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/19800340>

Pharmacological characterization of GPR55, a putative cannabinoid receptor. (abst – 2010)

[http://www.unboundmedicine.com/medline/ebm/record/20298715/abstract/Pharmacological_characterization_of_GPR55_a_putative_cannabinoid_receptor_Cannabidiol_\(CBD\)_as_an_Anti-Arrhythmic_-_the_Role_of_the_CB1_Receptors](http://www.unboundmedicine.com/medline/ebm/record/20298715/abstract/Pharmacological_characterization_of_GPR55_a_putative_cannabinoid_receptor_Cannabidiol_(CBD)_as_an_Anti-Arrhythmic_-_the_Role_of_the_CB1_Receptors)
 (news – 2010) <http://cannabisclinicians.org/2011/cannabidiol-cbd-as-an-anti-arrhythmic-the-role-of-the-cb1-receptors/>

AM251, cannabinoids receptors ligand, improves recognition memory in rats. (full – 2011)

http://www.if-pan.krakow.pl/pjp/pdf/2011/3_670.pdf

Cannabinoids prevent the development of behavioral and endocrine alterations in a rat model of intense stress. (full – 2011) <http://www.nature.com/npp/journal/v37/n2/full/npp2011204a.html>

α -Tocopherol and α -tocopheryl phosphate interact with the cannabinoid system in the rodent hippocampus. (abst - 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21843633>

Cannabidiol as an anti-arrhythmic, the role of the CB1 receptors. (abst – 2011)

[http://www.unboundmedicine.com/medline/ebm/record/22116907/abstract/17_Cannabidiol_as_an_anti_arrhythmic_the_role_of_the_CB1_receptors_CB\(1\)_independent_mechanisms_of_Delta\(9\)-THCV,_AM251_and_SR141716_\(rimonabant\).](http://www.unboundmedicine.com/medline/ebm/record/22116907/abstract/17_Cannabidiol_as_an_anti_arrhythmic_the_role_of_the_CB1_receptors_CB(1)_independent_mechanisms_of_Delta(9)-THCV,_AM251_and_SR141716_(rimonabant).) (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21740450>

Endocannabinoid CB1 receptors modulate visual output from the thalamus. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21773721>

Cannabinoid Receptor Type 1 (CB1) Activation Inhibits Small GTPase RhoA Activity and Regulates Motility of Prostate Carcinoma Cells. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/22087025>

The effects of cannabinoid drugs on abnormal involuntary movements in dyskinetic and non- dyskinetic 6-hydroxydopamine lesioned rats. (abst –

2011) http://www.unboundmedicine.com/medline/ebm/record/20888328/abstract/The_effects_of_cannabinoid_drugs_on_abnormal_involuntary_movements_in_dyskinetic_and_non_dyskinetic_6_hydroxydopamine_lesioned_rats_

Pot and Pumpkin Pie: Endocannabinoid System Enhanced by Vitamin E (news – 2011)

<http://www.examiner.com/medical-marijuana-in-philadelphia/pot-and-pumpkin-pie-endocannabinoid-system-enhanced-by-vitamin-e>

Opposing Roles for Cannabinoid Receptor Type-1 (CB(1)) 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>

The cannabinoid receptor CB1 inverse agonist AM251 potentiates the anxiogenic activity of urocortin I in the basolateral amygdala. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/21736884> AM- 281 - synthetic, CB1 antagonist and inverse agonist

Design and Synthesis of the CB1 Selective Cannabinoid Antagonist AM281: A Potential Human SPECT Ligand (full – 1999) <http://www.aapsj.org/view.asp?art=ps010204>

Effects of AM281, a cannabinoid antagonist, on systemic haemodynamics, internal carotid artery blood flow and mortality in septic shock in rats (full – 2005) <http://bj.oxfordjournals.org/content/94/5/563.full>

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>

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>

6

AM-404 – synthetic, 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. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16541083>

Δ 9-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

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>
AM-630 - synthetic, CB2 antagonist

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>

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>

AM -678 - see JWH -100

7

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>

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>

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. (abst - 2010)

<http://www.ncbi.nlm.nih.gov/pubmed/21094209>

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

8

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) <http://www.newscientist.com/article/dn10362-cannabisbased-boost-for-smokers-suffering-sperm.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 cannabilactone class: Antinociception without central nervous system side-effects. (abst – 2011) http://www.unboundmedicine.com/medline/ebm/record/21382397/abstract/Pharmacological_characterizati

www.unboundmedicine.com/medline/ebm/record/21382397/abstract/Pharmacological_characterizati

on_of_AM1710_a_putative_cannabinoid_CB_2__agonist_from_the_cannabilactone_class:_Antinociception_without_central_nervous_system_side_effects_

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-](http://digitalcommons.uconn.edu/cgi/viewcontent.cgi?article=1016&context=srhonors_theses&sei-redir=1#search=%22am-4054%20%2Bcannabinoid%22)

[redir=1#search=%22am-4054%20%2Bcannabinoid%22](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](http://www.fasebj.org/cgi/content/meeting_abstract/21/5/A409?maxtoshow=&hits=80&RESULTFORMA)

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](http://www.fasebj.org/cgi/content/meeting_abstract/21/5/A409?maxtoshow=&hits=80&RESULTFORMA)

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> 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]=

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>

Ganja in Jamaica (book – 1976) <http://www.cifas.us/cannabis/PDFs/OCRGanjainJamaica.pdf>

Operant acquisition of marihuana in man. (abst - 1976)

9

<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>

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>

Lifetime Prevalence of "Amotivational Syndrome" (full – 2005)

<http://www.addictioninfo.org/articles/262/1/Lifetime-Prevalence-of-Amotivational-Syndrome/Page1.html>

Cannabis, motivation, and life satisfaction in an internet sample (full - 2006)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1435998/?tool=pmcentrez>

Debunking "Amotivational Syndrome" (news - 2006)

<http://www.mapinc.org/drugnews/v06/n400/a06.html>

Cannabis Use Not Linked To So-Called "Amotivational Syndrome"

http://norml.org/index.cfm?Group_ID=6824

ANANDAMIDE / AEA – endocannabinoid, CB 1 & 2 agonist
(news - 2006)

Isolation and Structure of a Brain Constituent That Binds to the Cannabinoid Receptor. (abst – 1992) <http://medical-journals.healia.com/doc/1470919/Isolation-and-structure-of-a-brain-constituent-that-binds-to-the-cannabinoid-receptor>

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

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

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

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

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?](http://ajpheart.physiology.org/cgi/content/abstract/269/6/H1859?maxtoshow=&hits=80&RESULTFORMA)
[maxtoshow=&hits=80&RESULTFORMA](http://ajpheart.physiology.org/cgi/content/abstract/269/6/H1859?maxtoshow=&hits=80&RESULTFORMA)
[T=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=2320&resourcetype=HWCIT](http://ajpheart.physiology.org/cgi/content/abstract/269/6/H1859?maxtoshow=&hits=80&RESULTFORMA)
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?](http://jpet.aspetjournals.org/content/281/3/1030.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT)
[maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT](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>
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?](http://jpet.aspetjournals.org/content/287/2/598.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=480&resourcetype=HWCIT)
[maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=480&resourcetype=HWCIT](http://jpet.aspetjournals.org/content/287/2/598.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=480&resourcetype=HWCIT)

10

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

Trick or treat from food endocannabinoids? (abst – 1998)

<http://www.nature.com/nature/journal/v396/n6712/full/396636a0.html>
Doped skin (news - 1998) <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>

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) <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?](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Retrieve&list_uids=10785543&dopt=abstrac tplus)

[Db=pubmed&Cmd=Retrieve&list_uids=10785543&dopt=abstrac tplus](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Retrieve&list_uids=10785543&dopt=abstrac tplus)

Low dose anandamide affects food intake, cognitive function, neurotransmitter and corticosterone levels in diet-restricted mice. (abst – 2000) <http://www.ncbi.nlm.nih.gov/pubmed/10762668>

Anandamide and diet: inclusion of dietary arachidonate and docosahexaenoate leads to increased brain levels of the corresponding N-acylethanolamines in piglets.

(full – 2001) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC33480/?tool=pubmed>

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>

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>

Exogenous anandamide protects rat brain against acute neuronal injury in vivo. (full – 2001) <http://www.jneurosci.org/content/21/22/8765.long>

Anandamide administration into the ventromedial hypothalamus stimulates appetite in rats (full - 2001) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573067/?tool=pmcentrez> 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>

Mechanisms of anandamide-induced vasorelaxation in rat isolated coronary arteries (full - 2001) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573021/?tool=pmcentrez>

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>

11

Anandamide activates peripheral nociceptors in normal and arthritic rat knee joints (full - 2001) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1572613/?tool=pmcentrez>

Supersensitivity to anandamide and enhanced endogenous cannabinoid signaling in mice lacking fatty acid amide hydrolase (full - 2001) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC55427/?tool=pubmed>

Leptin-regulated endocannabinoids are involved in maintaining food intake (letter – 2001)

<http://www.nature.com/nature/journal/v410/n6830/full/410822a0.html>

Endogenous cannabinoid anandamide increases heart resistance to arrhythmogenic effects of epinephrine: role of CB(1) and CB(2) receptors. (abst - 2001) http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Retrieve&list_uids=11427912&dopt=abstrac+plus

The Central Cannabinoid Receptor Inactivation Suppresses Endocrine Reproductive Functions. (abst – 2001) <http://medical-journals.healio.com/doc/11394887/The-central-cannabinoid-receptor-inactivation-suppresses-endocrine-reproductive-functions>

Quantification of anandamide content in animal cells and tissues: the normalization makes the difference (full - 2002) <http://www.lipidworld.com/content/1/1/4>

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>

Estrogen stimulates arachidonylethanolamide release from human endothelial cells and platelet activation (full – 2002) <http://bloodjournal.hematologylibrary.org/content/100/12/4040.full> Targeting CB2 cannabinoid receptors as a novel therapy to treat malignant lymphoblastic disease (full - 2002) <http://bloodjournal.hematologylibrary.org/cgi/content/full/100/2/627?ijkey=eb71d6d7a06f311440761cfac6a7d081bcc2771d>

A Peripheral Mechanism for CB1 Cannabinoid Receptor-Dependent Modulation of Feeding (full - 2002) http://www.jneurosci.org/cgi/content/abstract/22/21/9612?ijkey=328b5e83d7be9297b9483d22e0d6319fa0a862e8&keytype2=tf_ipsecsha

Experimental parkinsonism alters endocannabinoid degradation: implications for striatal glutamatergic transmission. (full – 2002) <http://www.jneurosci.org/content/22/16/6900.long> Endogenous cannabinoids improve myocardial resistance to arrhythmogenic effects of coronary occlusion and reperfusion: a possible mechanism. (abst - 2002) <http://www.ncbi.nlm.nih.gov/sites/entrez?>

Db=pubmed&Cmd=Retrieve&list_uids=12428277&dopt=abstrac tplus
Anandamide and noladin ether prevent neurotoxicity of the human amyloid-beta peptide. (abst – 2002) <http://www.ncbi.nlm.nih.gov/pubmed/12384227>

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>

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>

Cannabinoid receptor type 1 modulates excitatory and inhibitory neurotransmission in mouse colon (full – 2003) <http://ajpgi.physiology.org/content/286/1/G110.full?sid=fc6948f0-78cf-405c-981b-afaa05ee417c>

CB1 cannabinoid receptor antagonism promotes remodeling and cannabinoid treatment prevents endothelial dysfunction and hypotension in rats with myocardial infarction (full - 2003) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573770/?tool=pmcentrez>

A new endothelial target for cannabinoids. (full -2003) <http://molpharm.aspetjournals.org/content/63/3/469.long>

The endogenous cannabinoid system affects energy balance via central orexigenic drive and peripheral lipogenesis (full - 2003) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC166293/> Endocannabinoids protect the rat isolated heart against ischaemia (full - 2003)

12

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573907/?tool=pmcentrez>
Cannabis and the brain. (full - 2003) <http://brain.oxfordjournals.org/cgi/content/full/126/6/1252> 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> Manipulation of the endocannabinoid system by a general anaesthetic. (full – 2003) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573927/?tool=pubmed>
Cannabinoids inhibit neurodegeneration in models of multiple sclerosis (full - 2003)

<http://brain.oxfordjournals.org/cgi/content/full/126/10/2191?ijkey=c7c6bfd158b85c98cb1a190d5ca2614552989ba0>

Therapeutic potential of cannabinoids in CNS disease. (abst - 2003)

<http://www.ncbi.nlm.nih.gov/pubmed/12617697>

Anti-proliferative and apoptotic effects of anandamide in human prostatic cancer cell lines: implication of epidermal growth factor receptor down-regulation and ceramide production. (abst - 2003) <http://www.ncbi.nlm.nih.gov/pubmed/12746841?dopt=Abstract>

Inhibition of C6 glioma cell proliferation by anandamide, 1-arachidonoylglycerol, and by a water soluble phosphate ester of anandamide: variability in response and involvement of arachidonic acid. (abst – 2003) <http://www.ncbi.nlm.nih.gov/pubmed/12948856>

Therapeutic potential of cannabinoids in CNS disease. (abst - 2003)

<http://www.ncbi.nlm.nih.gov/pubmed/12617697>

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>

An endogenous cannabinoid tone attenuates cholera toxin-induced fluid accumulation in mice. (abst - 2003) <http://www.ncbi.nlm.nih.gov/pubmed/12949722>

Anandamide enhances extracellular levels of adenosine and induces sleep: an in vivo microdialysis study. (abst - 2003) <http://www.ncbi.nlm.nih.gov/pubmed/14746372?dopt=Abstract>

The endocannabinoid system: a general view and latest additions (full - 2004)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1574255/?tool=pmcentrez>

Endocannabinoids: Getting the message across (full - 2004)

<http://www.pnas.org/content/101/23/8512.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=can>

nabis&searchid=1&FIRSTINDEX=2880&resourcetype=HWCIT
Endocannabinoids and Their Implications for Epilepsy (full - 2004)
<http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1176361&tool=pmcentrez>

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

The complexities of the cardiovascular actions of cannabinoids (full - 2004) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1574918/?tool=pmcentrez>

Up-Regulation of Cyclooxygenase-2 Expression Is Involved in R(1)-Methanandamide- Induced Apoptotic Death of Human Neuroglioma Cells (full - 2004) <http://science.iowamedicalmarijuana.org/pdfs/cancer/Hinz%202004.pdf>

Involvement of cannabinoid receptors in gut motility and visceral perception (full - 2004) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1574910/?tool=pmcentrez>

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

[ijkey=5e8ec5690352ba9f6b990355b2ed69b1d2e58a5b](http://jcem.endojournals.org/cgi/content/full/89/11/5482?ijkey=5e8ec5690352ba9f6b990355b2ed69b1d2e58a5b) Arachidonyl ethanolamide induces apoptosis of uterine cervix cancer cells via aberrantly expressed vanilloid receptor-1 (full - 2004) <http://science.iowamedicalmarijuana.org/pdfs/cancer/Contassot%202004.pdf>

A Cyclooxygenase Metabolite of Anandamide Causes Inhibition of Interleukin-2 Secretion in Murine Splenocytes (full – 2004) <http://jpet.aspetjournals.org/content/311/2/683.full>

Anandamide is an endogenous inhibitor for the migration of tumor cells and T lymphocytes. (abst - 2004) <http://www.ncbi.nlm.nih.gov/pubmed/16574988>

How our brains fend off madness, we produce a cannabis like substance

13

<http://www.medicalnewstoday.com/releases/12516.php>

Cardiovascular Pharmacology of Cannabinoids (full - 2005)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2228270/?tool=pmcentrez>

The cardiovascular actions of anandamide: more targets? (full - 2005)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1576182/?tool=pmcentrez>

(news – 2004)

Cannabinoids promote hippocampus neurogenesis and produce anxiolytic- and antidepressant-like effects (full - 2005) <http://www.jci.org/cgi/content/full/115/11/3104> Antidepressant-like Activity and Modulation of Brain Monoaminergic Transmission by Blockade of Anandamide

Hydrolysis. (full – 2005) <http://www.pnas.org/content/102/51/18620.long> Blood pressure regulation by endocannabinoids and their receptors (full - 2005)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2225528/?tool=pmcentrez>

The endogenous cannabinoid, anandamide, induces cell death in colorectal carcinoma cells: a possible role for cyclooxygenase 2 (full - 2005) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1774787/?tool=pmcentrez>

The effects of Δ^9 -tetrahydrocannabinol in rat mesenteric vasculature, and its interactions with the endocannabinoid anandamide (full - 2005)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1576168/?tool=pmcentrez>

Anandamide reduces infarct size in rat isolated hearts subjected to ischaemia–reperfusion

by a novel cannabinoid mechanism (full - 2005) [http://](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1751211/?tool=pmcentrez)

www.ncbi.nlm.nih.gov/pmc/articles/PMC1751211/?tool=pmcentrez

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

www.ncbi.nlm.nih.gov/pmc/articles/PMC1087161/?tool=pmcentrez

Antidepressant-like activity by blockade of anandamide hydrolysis (full - 2005) [http://www.pubmedcentral.nih.gov/articlerender.fcgi?](http://www.pubmedcentral.nih.gov/articlerender.fcgi?tool=pubmed&pubmedid=16352709)

[tool=pubmed&pubmedid=16352709](http://www.pubmedcentral.nih.gov/articlerender.fcgi?tool=pubmed&pubmedid=16352709)

Blood levels of the endocannabinoid anandamide are increased in anorexia nervosa and in binge-eating disorder, but not in bulimia nervosa. (full – 2005) <http://www.nature.com/npp/journal/v30/n6/full/1300695a.html>

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=HW> CIT Cannabinoids augment the release of neuropeptide Y in the rat hypothalamus (abst – 2005) <http://www.sciencedirect.com/science/article/pii/S0028390805001668>

Anandamide Induced Anti-Convulsion in an In Vitro Model of Epilepsy (abst - 2005)

<http://www.kau.edu.sa/centers/spc/jkau/Doc/Med/12/Mada.pdf>

Influence of Anandamide, the Endogenous Agonist of Cannabinoid Receptors on the Circulatory System (abst - 2005) <http://medical-journals.healia.com/doc/15928605/Influence-of-anandamide-the-endogenous-agonist-of-cannabinoid-receptors-on-the-circulatory-system>

Finding of endocannabinoids in human eye tissues: implications for glaucoma. (abst – 2005) <http://www.ncbi.nlm.nih.gov/pubmed/15823551>

A biosynthetic pathway for anandamide (full - 2006)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1557387/>

Activation of G-proteins in brain by endogenous and exogenous cannabinoids. (full – 2006)

<http://www.ncbi.nlm.nih.gov/pubmed/16584117>

Regulation, Function, and Dysregulation of Endocannabinoids in Models of Adipose and β - Pancreatic Cells and in Obesity and Hyperglycemia (full - 2006) <http://jcem.endojournals.org/cgi/content/full/91/8/3171?ijkey=83a68cef202eafe129332eda53eee8eb613499> 82 Neural contractions in colonic strips from patients with diverticular disease: role of endocannabinoids and substance P (full – 2006) <http://gut.bmj.com/content/55/7/946.full> Endocannabinoids, feeding and suckling – from our perspective (full – 2006) <http://www.nature.com/ijo/journal/v30/n1s/full/0803274a.html>

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>

14

Increasing cannabinoid levels by pharmacological and genetic manipulation delay disease progression in SOD1 mice (full - 2006) <http://www.fasebj.org/cgi/content/full/20/7/1003> Up-regulation of anandamide levels as an endogenous mechanism and a pharmacological strategy to limit colon inflammation. (full – 2006) <http://www.fasebj.org/content/early/2006/03/01/fj.05-4943fje.long>

Experimental autoimmune encephalomyelitis disrupts endocannabinoid-mediated neuroprotection (full - 2006) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1458883/?tool=pmcentrez> 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=pmcentrez>

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

[http://ebm.rsmjournals.com/cgi/content/full/231/8/1421?](http://ebm.rsmjournals.com/cgi/content/full/231/8/1421?maxtoshow=&hits=80&RESULTFORMAT=&full)

[maxtoshow=&hits=80&RESULTFORMAT=&full](http://ebm.rsmjournals.com/cgi/content/full/231/8/1421?maxtoshow=&hits=80&RESULTFORMAT=&full)

[text=cannabinoid&searchid=1&FIRSTINDEX=880&resourcetype=HWCIT](http://ebm.rsmjournals.com/cgi/content/full/231/8/1421?maxtoshow=&hits=80&RESULTFORMAT=&full)

Not Too Excited? Thank Your Endocannabinoids (full - 2006) [http://](http://www.sciencedirect.com/science/article/pii/S0896627306005927)

www.sciencedirect.com/science/article/pii/S0896627306005927

Effect of N-arachidonoyl-(2-methyl-4-hydroxyphenyl) amine (VDM11), an anandamide transporter inhibitor, on capsaicin-induced cough in mice (full - 2006) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1448189/?tool=pmcentrez>

Effects of general anesthesia on anandamide blood levels in humans.

(full – 2006) [http://journals.lww.com/anesthesiology/Fulltext/2006/02000/](http://journals.lww.com/anesthesiology/Fulltext/2006/02000/Effects_of_General_Anesthesia_on_Anandamide_Blood.12.aspx)

[Effects_of_General_Anesthesia_on_Anandamide_Blood.12.aspx](http://journals.lww.com/anesthesiology/Fulltext/2006/02000/Effects_of_General_Anesthesia_on_Anandamide_Blood.12.aspx)

Cannabinoids and the Endocannabinoid System (full - 2006)

http://www.cannabis-med.org/english/journal/en_2006_01_2.pdf

Is there a temperature-dependent uptake of anandamide into cells? (full – 2006)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1629410/>

A new strategy to block tumor growth by inhibiting endocannabinoid inactivation. (full – 2006) <http://www.fasebj.org/content/early/2004/10/02/fj.04-1754fje.long>

The endocannabinoid anandamide protects neurons during CNS inflammation by induction of MKP-1 in microglial cells. (abst – 2006) www.ncbi.nlm.nih.gov/pubmed/16387640

Local interactions between anandamide, an endocannabinoid, and ibuprofen, a nonsteroidal anti-inflammatory drug, in acute and inflammatory pain (abst - 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16480822>

Methods evaluating cannabinoid and endocannabinoid effects on gastrointestinal functions. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16506408>

Role of cannabinoid receptor agonists in mechanisms of suppression of central pain syndrome. (abst - 2006) http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Retrieve&list_uids=17369898&dopt=abstractplus

Anandamide inhibits adhesion and migration of breast cancer cells. (abst - 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16343481?dopt=Abstract>

Acyl-based anandamide uptake inhibitors cause rapid toxicity to C6 glioma cells at pharmacologically relevant concentrations. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16899063>

Human adipose tissue binds and metabolizes the endocannabinoids anandamide and 2- arachidonoylglycerol. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16949718>

Anxiolytic-like properties of the anandamide transport inhibitor AM404. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16541083>

Endocannabinoids and beta-amyloid-induced neurotoxicity in vivo: effect of pharmacological elevation of endocannabinoid levels. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16732431> UCM707, an inhibitor of the anandamide uptake, behaves as a symptom control agent in models

of Huntington's disease and multiple sclerosis, but fails to delay/arrest the progression of different motor-related disorders. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16006105> Metabolism of Anandamide an Endogenous Cannabinoid (chart – 2006)

15

http://pid.nci.nih.gov/search/pathway_landing.shtml?source=BioCarta%20Imported&what=graphic&jpg=on&ppage=1&pathway_id=cb1rpathway

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>

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

Endocannabinoid metabolism and uptake: novel targets for neuropathic and inflammatory pain (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190014/?tool=pubmed> Anandamide and Delta9-tetrahydrocannabinol directly inhibit cells of the immune system via CB2 receptors. (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2083705/?tool=pubmed>

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?sid=931583b1-e797-43e0-8296-7fd75bb49403#sec-4>

Anti-dyskinetic effects of cannabinoids in a rat model of Parkinson's disease: role of CB1 and TRPV1 receptors (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2128772/?tool=pmcentrez>

Endocannabinoid hedonic hotspot for sensory pleasure: anandamide in nucleus accumbens shell enhances 'liking' of a sweet reward. (full – 2007) <http://www.nature.com/npp/journal/v32/n11/full/1301376a.html>

Identification of Endocannabinoids and Related Compounds in Human Fat Cells (full - 2007)

<http://www.nature.com/oby/journal/v15/n4/full/oby2007100a.html>

Cardiovascular effects of cannabinoids in conscious spontaneously hypertensive rats (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190006/?tool=pmcentrez>

Endocannabinoids and the haematological system (full - 2007)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190025/?tool=pmcentrez>

Characterization of the vasorelaxant mechanisms of the endocannabinoid anandamide in rat aorta (full – 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190007/?tool=pubmed>

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

Involvement of the Endocannabinoid System in Retinal Damage after High Intraocular

Pressure–Induced Ischemia in Rats (full - 2007)

[http://www.iovs.org/cgi/content/full/48/7/2997?](http://www.iovs.org/cgi/content/full/48/7/2997?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoids&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT)

[maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoids&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT](http://www.iovs.org/cgi/content/full/48/7/2997?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoids&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=relevance&resourcetype=HWCIT) 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>

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>

Antiangiogenic activity of the endoca

Antiangiogenic activity of the endocannabinoid anandamide: correlation to its tumor- suppressor efficacy. (abst – 2007) <http://www.ncbi.nlm.nih.gov/pubmed/17192847>

The endocannabinoids anandamide and 2-arachidonoylglycerol inhibit cholinergic contractility in the human colon. (abst – 2007) <http://www.ncbi.nlm.nih.gov/pubmed/17706636> Anandamide levels in cerebrospinal fluid of first-episode schizophrenic patients

(abst - 2007)

http://www.unboundmedicine.com/medline/ebm/record/17566707/abstract/Anandamide_levels_in_cerebrospinal_fluid_of_first_episode_schizophrenic_patients:_Impact_of_cannabis_use

16

Antidepressant-like activity of the fatty acid amide hydrolase inhibitor URB597 in a rat model of chronic mild stress. (abst – 2007) <http://www.ncbi.nlm.nih.gov/pubmed/17511970>

Marijuana-Like Brain Chemicals Work As Antidepressant (news - 2007)

<http://www.sciencedaily.com/releases/2007/11/071105120556.htm>

Role seen for cannabis in helping to alleviate allergic skin disease (news - 2007)

<http://www.physorg.com/news106487623.html>

CB1 Cannabinoid Receptor Inhibition: Promising Approach for Heart Failure? (full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2669829/?tool=pmcentrez>

N-arachidonylethanolamide-Induced Increase in Aqueous Humor Outflow Facility (full - 2008) <http://www.iovs.org/cgi/content/full/49/10/4528> Pharmacological Inhibition of CB1 Cannabinoid Receptor Protects Against Doxorubicin- Induced Cardiotoxicity (full - 2008) <http://content.onlinejacc.org/cgi/content/full/50/6/528> Modulation of the

Endocannabinoid System in Cardiovascular Disease (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2568884/?tool=pmcentrez>

Cannabinoid receptors and the regulation of bone mass (full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219540/?tool=pmcentrez>

Acute hypertension reveals depressor and vasodilator effects of cannabinoids in conscious rats (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2697765/?tool=pmcentrez> 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>

Ulcerative colitis in AKR mice is attenuated by intraperitoneally administered anandamide. (full – 2008) http://www.jpp.krakow.pl/journal/archive/12_08/pdf/673_12_08_article.pdf

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 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>

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>

Role of cannabinoids and endocannabinoids in cerebral ischemia (full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2581413/?tool=pmcentrez>

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 nutrition. (full – 2008)

<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2826.2008.01687.x/pdf>

Role of endocannabinoids and their analogues in obesity and eating disorders. (abst – 2008)

<http://www.ncbi.nlm.nih.gov/pubmed/19011363>

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

Inhibition of anandamide hydrolysis by URB597 reverses abuse-related behavioral and neurochemical effects of nicotine in rats. (abst – 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2663803/?tool=pubmed>

The endocannabinoid system: emotion, learning and addiction. (abst - 2008)

<http://www.ncbi.nlm.nih.gov/pubmed/18422832>

Anandamide and neutrophil function in patients with fibromyalgia. (abst - 2008)

<http://www.ncbi.nlm.nih.gov/pubmed/18395993>

Understanding the effects of endogenous cannabinoids (news - 2008)

<http://arstechnica.com/science/news/2008/11/understanding-the-effects-of-endogenous-cannabinoids.ars>

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

17

<http://www.sciencedaily.com/releases/2008/11/081123150249.htm>

Endocannabinoids and the Heart (full - 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2728560/?tool=pmcentrez>

Cannabinoids, Endocannabinoids, and Related Analogs in Inflammation

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2664885/?tool=pmcentrez>

(full - 2009)

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

Changes in the Endocannabinoid System May Give Insight into new and Effective Treatments for Cancer (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2791688/?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>

Biomarkers of Endocannabinoid System Activation in Severe Obesity (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808340/?tool=pubmed>

Endocannabinoids and Their Receptors as Targets for Obesity Therapy (full - 2009) <http://endo.endojournals.org/cgi/content/full/150/6/2531#top>

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>

Modulation of motor and sensory pathways of the peristaltic reflex by cannabinoids. (full – 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2739820/?tool=pubmed>

The Endocannabinoid Anandamide: From Immunomodulation to Neuroprotection. Implications for Multiple Sclerosis (abst - 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19647114>

Characterization of the Endocannabinoid System in Human Neuronal Cells and Proteomic Analysis of Anandamide-induced Apoptosis (full – 2009) <http://www.jbc.org/content/284/43/29413.full>

Association of CNR1 and FAAH endocannabinoid gene polymorphisms with anorexia nervosa and bulimia nervosa: evidence for synergistic effects. (abst – 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19659925>

Pharmacological synergism between cannabinoids and paclitaxel in

gastric cancer cell lines. (abst – 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19394652>

Circulating endocannabinoid concentrations during orthostatic stress (abst – 2009) www.ncbi.nlm.nih.gov/pubmed/19756829

Blockade of endocannabinoid-degrading enzymes attenuates neuropathic pain. (abst - 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19502530>

Endocannabinoids prevent lysosomal membrane destabilisation evoked by treatment with β - amyloid in cultured rat cortical neurons (abst – 2009) <http://www.physoc.org/custom2/publications/proceedings/archive/article.asp?ID=Proc%20Physiol%20Soc%2015C9>

A metabolically stable analogue of anandamide, Met-F-AEA, inhibits human thyroid carcinoma cell lines by activation of apoptosis (abst - 2009) http://www.unboundmedicine.com/medline/ebm/record/19189054/abstract/A_metabolically_stable_analog

ue_of_anandamide_Met_F_AEA_inhibits_human_thyroid_carcinoma_cell_lines_by_activation_of_apoptosis_Is GPR55 an anandamide receptor? (abst - 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19647110>

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>

Cannabinoid Receptors as Target for Treatment of Osteoporosis: A Tale of Two Therapies (full – 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3001217/?tool=pubmed> Cannabinoid-mediated inhibition of recurrent excitatory circuitry in the dentate gyrus in a mouse model of temporal lobe epilepsy. (full – 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2871782/?tool=pubmed>

Endogenous cannabinoid signaling is essential for stress adaptation

18

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2889099/?tool=pmcentrez>

Endocannabinoids and Schizophrenia (full – 2010)

<http://www.mdpi.com/1424-8247/3/10/3101/pdf>

(full - 2010)

Differential alterations of the concentrations of endocannabinoids and related lipids in the subcutaneous adipose tissue of obese diabetic patients (full - 2010) <http://www.lipidworld.com/content/9/1/43>

The endocannabinoid system as a target for the treatment of neurodegenerative disease (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2931550/?tool=pubmed>

Alterations in the hippocampal endocannabinoid system in diet-induced obese mice. (full – 2010) <http://www.jneurosci.org/content/30/18/6273.long>

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>

The endogenous cannabinoid, anandamide, induces COX-2-dependent cell death in apoptosis-resistant colon cancer cells. (abst, link to PDF - 2010) <http://www.spandidos-publications.com/ijo/37/1/187>

Effects of anandamide on polyamine levels and cell growth in human colon cancer cells (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20682986>

Circulating and hepatic endocannabinoids and endocannabinoid-related molecules in patients with cirrhosis. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/19840245>

Non-CB1, non-CB2 receptors for endocannabinoids, plant cannabinoids, and synthetic cannabimimetics: focus on G-protein-coupled receptors and transient receptor potential channels. (abst – 2010)

<http://www.unboundmedicine.com/medline/ebm/record/19847654/abstract/>

[Non_CB1_non_CB2_receptors](#)

[_for_endocannabinoids_plant_cannabinoids_and_synthetic_cannabimimetics:_focus_on_G_protein_couple_d_receptors_and_transient_receptor_potential_channels_](#)

The Multiplicity of Action of Cannabinoids: Implications for Treating Neurodegeneration.

(abst - 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20875047>

Pharmacological exploitation of the endocannabinoid system: new perspectives for the treatment of depression and anxiety disorders? (abst – 2010)

http://www.unboundmedicine.com/medline/ebm/record/20512266/abstract/%5BPharmacological_exploitation_of_the_endocannabinoid_system:_new_perspectives_for_the_treatment_of_depression_and_anxiety_disorders%5D_

Anandamide extends platelets survival through CB(1)-dependent Akt signaling. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/19936621>

Interaction between anandamide and sphingosine-1-phosphate in mediating vasorelaxation in rat coronary artery (abst – 2010) <http://www.unboundmedicine.com/medline/ebm/record/20718749/abstract/>

[Interaction_between_anandamide_and_sphingosine_1_phosphate_in_mediating_vasorelaxation_in_rat_coronary_artery_](http://www.unboundmedicine.com/medline/ebm/record/20718749/abstract/Interaction_between_anandamide_and_sphingosine_1_phosphate_in_mediating_vasorelaxation_in_rat_coronary_artery_)

Anandamide and AM251, via water, modulate food intake at central and peripheral level in fish. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/19800340>

Compound boosts marijuana-like chemical in the body to relieve pain at injury site (news - 2010) http://www.eurekalert.org/pub_releases/2010-09/uoc--cbm092010.php

Chocolate: The Good, the Bad and the Angry (news - 2010)

<http://www.psychologytoday.com/blog/your-brain-food/201011/chocolate-the-good-the-bad-and-the-angry>

Painkilling System in Brain: Too Much of a Good Thing? (news - 2010)

<http://www.sciencedaily.com/releases/2010/08/100824151036.htm>

Dual inhibition of alpha/beta hydrolase domain 6 and fatty acid amide hydrolase increases endocannabinoid levels in neurons. (full – 2011)

<http://www.jbc.org/content/early/2011/06/10/jbc.M110.202853.long>

Anandamide inhibits Theiler's virus induced VCAM-1 in brain endothelial cells and reduces leukocyte transmigration in a model of blood brain barrier by activation of CB1 receptors. (full – 2011)

<http://www.jneuroinflammation.com/content/pdf/1742-2094-8-102.pdf>

Endocannabinoid system in cardiovascular disorders - new pharmacotherapeutic opportunities (full – 2011)

[http://www.jpbonline.org/article.asp?issn=0975-](http://www.jpbonline.org/article.asp?issn=0975-7406;year=2011;volume=3;issue=3;spage=350;epage=360;aulast=Cunha)

[7406;year=2011;volume=3;issue=3;spage=350;epage=360;aulast=Cunha](http://www.jpbonline.org/article.asp?issn=0975-7406;year=2011;volume=3;issue=3;spage=350;epage=360;aulast=Cunha)

The endocannabinoid system and cancer: therapeutic implication (full – 2011) <http://onlinelibrary.wiley.com/doi/10.1111/j.1476-5381.2011.01327.x/full>

Increasing Antiproliferative Properties of Endocannabinoids in N1E-115 Neuroblastoma Cells through Inhibition of Their Metabolism. (full –

2011) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3203169/?tool=pubmed>

Anandamide-loaded nanoparticles: preparation and characterization.

(abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21425945>

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?](http://www.pnas.org/content/108/15/6323.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT)

[maxtoshow=&hits=80&RESULTFORMAT=&fulltext=](http://www.pnas.org/content/108/15/6323.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT)

[cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT](http://www.pnas.org/content/108/15/6323.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT)

Cannabinoid applications in glaucoma. (abst – 2011) [http://](http://www.unboundmedicine.com/medline/ebm/record/21414525/abstract/Cannabinoid_applications_in_glaucoma)

[www.unboundmedicine.com/medline/ebm/record/21414525/abstract/](http://www.unboundmedicine.com/medline/ebm/record/21414525/abstract/Cannabinoid_applications_in_glaucoma)

[Cannabinoid_applications_in_glaucoma](http://www.unboundmedicine.com/medline/ebm/record/21414525/abstract/Cannabinoid_applications_in_glaucoma)

An amyloid β (42)-dependent deficit in anandamide mobilization is associated with cognitive dysfunction in Alzheimer's disease (abst –

2011) [http://www.unboundmedicine.com/medline/ebm/record/21546126/abstract/](http://www.unboundmedicine.com/medline/ebm/record/21546126/abstract/An_amyloid_%CE%B2_42__dependent_deficit_in_anandamide_mobilization_is_associated_with_cognitive_dysfunction_in_Alzheimer%27s_disease)

[An_amyloid_%CE%B2_42__d](http://www.unboundmedicine.com/medline/ebm/record/21546126/abstract/An_amyloid_%CE%B2_42__dependent_deficit_in_anandamide_mobilization_is_associated_with_cognitive_dysfunction_in_Alzheimer%27s_disease)

[ependent_deficit_in_anandamide_mobilization_is_associated_with_cognitive_dysfunct](http://www.unboundmedicine.com/medline/ebm/record/21546126/abstract/An_amyloid_%CE%B2_42__dependent_deficit_in_anandamide_mobilization_is_associated_with_cognitive_dysfunction_in_Alzheimer%27s_disease)

[ion_in_Alzheimer%27s_disease](http://www.unboundmedicine.com/medline/ebm/record/21546126/abstract/An_amyloid_%CE%B2_42__dependent_deficit_in_anandamide_mobilization_is_associated_with_cognitive_dysfunction_in_Alzheimer%27s_disease)

Arachidonoyl ethanolamide (AEA)-induced apoptosis is mediated by J-series prostaglandins and is enhanced by fatty acid amide hydrolase

(FAAH) blockade. (abst – 2011) [http://www.unboundmedicine.com/medline/](http://www.unboundmedicine.com/medline/ebm/record/21432910/abstract/Arachidonoyl_ethanolamide__AEA__induced_apoptosis_is_mediated_by_J_series_prostaglandins_and_is_enhanced_by_fatty_acid_amide_hydrolase_FAAH_blockade)

[ebm/record/21432910/abstract/Arachidonoyl_ethanolamide__](http://www.unboundmedicine.com/medline/ebm/record/21432910/abstract/Arachidonoyl_ethanolamide__AEA__induced_apoptosis_is_mediated_by_J_series_prostaglandins_and_is_enhanced_by_fatty_acid_amide_hydrolase_FAAH_blockade)

[AEA__induced_apoptosis_is_mediated_by_J_series_prostaglandins_and_is_enhanced](http://www.unboundmedicine.com/medline/ebm/record/21432910/abstract/Arachidonoyl_ethanolamide__AEA__induced_apoptosis_is_mediated_by_J_series_prostaglandins_and_is_enhanced_by_fatty_acid_amide_hydrolase_FAAH_blockade)

[_by_fatty_acid_amide_hydrolase_FAAH_blockade](http://www.unboundmedicine.com/medline/ebm/record/21432910/abstract/Arachidonoyl_ethanolamide__AEA__induced_apoptosis_is_mediated_by_J_series_prostaglandins_and_is_enhanced_by_fatty_acid_amide_hydrolase_FAAH_blockade)

Intracellular Cannabinoid Type 1 (CB1) Receptors Are Activated by

Anandamide (abst – 2011) [http://www.jbc.org/content/286/33/29166.abstract?](http://www.jbc.org/content/286/33/29166.abstract?sid=2c3b88ec-b6e6-4245-a171-2e24c17b5e8b)

[sid=2c3b88ec-b6e6-4245-a171-2e24c17b5e8b](http://www.jbc.org/content/286/33/29166.abstract?sid=2c3b88ec-b6e6-4245-a171-2e24c17b5e8b) Inhibition of cannabinoid

metabolic enzymes reduces NSAID-induced gastric pathology (abst – 2011) [http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/807.1?maxtoshow=&hits=80&](http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/807.1?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT)

[RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT](http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/807.1?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT)

Abnormal anandamide metabolism in celiac disease. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/22209002>

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 fatty acid amide hydrolase inhibitor URB 597: interactions with anandamide in rhesus monkeys. (abst – 2011) http://www.unboundmedicine.com/medline/ebm/record/21449917/abstract/The_fatty_acid_amide_hydrolase_inhibitor_URB_597_interactions_with_anandamide_in_rhesus_monkeys

[e_inhibitor_URB_597_interactions_with_anandamide_in_rhesus_monkeys](http://www.unboundmedicine.com/medline/ebm/record/21449917/abstract/The_fatty_acid_amide_hydrolase_inhibitor_URB_597_interactions_with_anandamide_in_rhesus_monkeys)

Triphasic blood pressure responses to cannabinoids: do we understand the mechanism? (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/22022923>

Endocannabinoid CB1 receptors modulate visual output from the thalamus. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21773721>

Omega-3 N-acyl ethanolamines are endogenously synthesised from omega-3 fatty acids in different human prostate and breast cancer cell lines. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21995886>

Inhibition of endocannabinoid catabolic enzymes elicits anxiolytic-like effects in the marble burying assay. (abst – 2011)

http://www.unboundmedicine.com/medline/ebm/record/21145341/abstract/Inhibition_of_endocannabinoid_catabolic_enzymes_elicits_anxiolytic_like_effects_in_the_marble_burying_assay

20

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>

Marijuana Compound Treats Multiple Health Issues (news – 2011) <http://www.foxnews.com/health/2010/03/10/cannabis-deficient/>

Cannabinoid Receptor Type 1 (CB1) Activation Inhibits Small GTPase RhoA Activity and Regulates Motility of Prostate Carcinoma Cells. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22087025>

Arachidonoyl ethanolamide (AEA)-induced apoptosis is mediated by J-series prostaglandins and is enhanced by fatty acid amide hydrolase (FAAH) blockade. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/21432910>

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>

ANECDOTAL / PERSONAL STORIES

ANECDOTAL ARTICLES (anecdotal - no date)

<http://cannabislink.ca/medical/#medanecdotal>

ADHD by Ryan P (anecdotal - no date)

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

Lyme Disease by Cynkay Morningstar (anecdotal – no date)

http://rxmarijuana.com/shared_comments/Lyme_Disease.htm

Menière's Syndrome by Charlie Ritchie (anecdotal - no date)

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

Chemotherapy for Testicular Cancer (anecdotal - no date)

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

Smoking dope restored my sight (news/anecdotal - 1998)

<http://news.bbc.co.uk/2/hi/health/212301.stm>

Recipe For Trouble (news/anecdotal - 2002)

<http://www.cbsnews.com/stories/2002/03/05/48hours/main503022.shtml>

'How cannabis helped me' (news/anecdotal - 2003)

<http://news.bbc.co.uk/2/hi/health/3248701.stm>

Skin Complaint Man Grew Cannabis (news/ anecdotal- 2004)

<http://www.mapinc.org/drugnews/v04.n1222.a09.html>

Testimony of Mr. Rene Carlos Guevara to FDA (anecdotal - 2005)

<http://www.fda.gov/ohrms/dockets/dockets/05n0479/05N-0479-EC4.htm>

Testimony of Terry Jacobs to FDA - why he prefers for medical marijuana to Marinol (news/anecdotal - 2005) <http://www.examiner.com/examiner/x-19678-Cannabis-Revolution->

[Examiner~y2009m11d5-Testimony-of-Terry-Jacobs-to-FDA--why-he-prefers-for-medical-marijuana-to-Marinol](http://www.examiner.com/examiner/y2009m11d5-Testimony-of-Terry-Jacobs-to-FDA--why-he-prefers-for-medical-marijuana-to-Marinol)

Marijuana Cured My Color-Blindness (anecdotal – 2005) <http://mmj.tribe.net/thread/ae2e9a56-f117-4e96-b24d-ae799e956b00>

Cannabis Sativa (Marijuana) for Fibromyalgia (anecdotal - 2007 - 2010)

http://www.fibromyalgia-reviews.com/Drg_Marijuana.cfm

Shared Comments and Observations (anecdotal - 2009)

http://www.rxmarihuana.com/comments_and_observations.htm

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

Julie Falco brings hope to Multiple Sclerosis patients. Cannabinoids manage pain and

promote repair! (news - 2010) <http://www.examiner.com/x-19678-Cannabis-Revolution-Examiner~y2010m2d10-Julie-Falco-brings-hope-to-Multiple-Sclerosis-patients-Cannabinoids-manage-pain-and-promote-repair>

The Cannabis Closet: Severe Eczema (anecdotal - 2010) <http://>

andrewsullivan.theatlantic.com/the_daily_dish/2010/05/the-cannabis-closet-severe-eczema.html Cannabis and PTSD by Michael McKenna (anecdotal - 2010)

21

<http://marijuana-uses.com/cannabis-and-ptsd-by-michael-mckenna/>

Steamboat mom sees results from giving autistic son medical marijuana (anecdotal/news - 2010) <http://www.steamboatpilot.com/news/2010/oct/31/steamboat-mom-sees-results-giving-autistic-son-med/>

Up in smoke: 'Cannabis gave me my life back' (anecdotal – 2010)

<http://www.independent.co.uk/life-style/health-and-families/features/up-in-smoke-cannabis-gave-me-my-life-back-2041640.html>

Why I Give My 9-Year-Old Pot, Part 3 (news - 2010) <http://www.slate.com/id/2251174/> Why I Give My Autistic Son Pot, Part 4 (news – 2011)

<http://www.slate.com/id/2294072/?from=rss>

Father: Medical marijuana eased pain of my cancer-battling son (anecdotal – 2011)

<http://www.komonews.com/news/local/120941429.html>

ANOREXIA NERVOSA - also see —APPETITE STIMULANT¶

Leptin-regulated endocannabinoids are involved in maintaining food intake

(letter – 2001) <http://www.nature.com/nature/journal/v410/n6830/full/410822a0.html>

Association study of cannabinoid receptor gene (CNR1) alleles and anorexia nervosa: differences between restricting and binge/purging subtypes. (abst – 2004) <http://www.ncbi.nlm.nih.gov/pubmed/14755457>

Blood levels of the endocannabinoid anandamide are increased in anorexia nervosa and in binge-eating disorder, but not in bulimia nervosa. (full – 2005) <http://www.nature.com/npp/journal/v30/n6/full/1300695a.html>

Emerging role of cannabinoids in gastrointestinal and liver diseases:

basic and clinical aspects (full – 2008) <http://gut.bmj.com/content/57/8/1140.full>

Lack of association of genetic variants in genes of the endocannabinoid system with anorexia nervosa (full - 2008) <http://www.capmh.com/content/2/1/33>

Role of endocannabinoids and their analogues in obesity and eating disorders. (abst – 2008) <http://www.ncbi.nlm.nih.gov/pubmed/19011363>

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>

Association of CNR1 and FAAH endocannabinoid gene polymorphisms with anorexia nervosa and bulimia nervosa: evidence for synergistic effects. (abst – 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19659925>

Activity-based anorexia in C57/BL6 mice: effects of the phytocannabinoid, Delta9- tetrahydrocannabinol (THC) and the anandamide analogue, OMDM-2. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20471226>

Molecular mechanisms underlying anorexia nervosa: focus on human gene association studies and systems controlling food intake. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/19931559>

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>

The genetics of eating disorders. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21243475>

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

Functional polymorphism in the GPR55 gene is associated with anorexia nervosa. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/20506567>

The cannabinoid receptor agonist THC attenuates weight loss in a rodent model of activity- based anorexia. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21412227>

Fish oil promotes survival and protects against cognitive decline in

severely undernourished mice by normalizing satiety signals. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21109417>

Do Deficits in Brain Cannabinoids Contribute to Eating Disorders? (news – 2011)

<http://www.sciencedaily.com/releases/2011/10/111031115226.htm>

22

ANTI-BACTERIAL PROPERTIES

HEMP AS A MEDICAMENT : Methods and results of the bacteriological experiments (full - 1955) <https://www.greenpassion.org/index.php?/topic/23448-methods-and-results-of-the-bacteriological-experiments/>
Antibacterial preparation from hemp (Cannabis sativa) (abst - 1958)

[http://chemport.cas.org/cgi-bin/sdcgi?](http://chemport.cas.org/cgi-bin/sdcgi?APP=ftslink&action=reflink&origin=ACS&version=1.0&coi=1%3ACAS%3A528%3ADyaG1cXpvVGIug%253D%253D&md5=36fcabac61432cf5e852c26c9bba3cd1)

[APP=ftslink&action=reflink&origin=ACS&version=1.0&coi=1%3ACAS%3A528%3ADyaG1cXpvVGIug%253D%253D&md5=36fcabac61432cf5e852c26c9bba3cd1](http://chemport.cas.org/cgi-bin/sdcgi?APP=ftslink&action=reflink&origin=ACS&version=1.0&coi=1%3ACAS%3A528%3ADyaG1cXpvVGIug%253D%253D&md5=36fcabac61432cf5e852c26c9bba3cd1)
Hemp (Cannabis sativa)-an antibiotic drug. II. Methods and results of bacteriological investigations and preliminary clinical experiences (abst - 1958) [http://chemport.cas.org/cgi-bin/sdcgi?](http://chemport.cas.org/cgi-bin/sdcgi?APP=ftslink&action=reflink&origin=ACS&version=1.0&coi=1%3ACAS%3A528%3ADyaG1cXotl2guw%253D%253D&md5=a36c74726c1c02d8a52d1f297d624fc6)

[APP=ftslink&action=reflink&origin=ACS&version=1.0&coi=1%3ACAS%3A528%3ADyaG1cXotl2guw%253D%253D&md5=a36c74726c1c02d8a52d1f297d624fc6](http://chemport.cas.org/cgi-bin/sdcgi?APP=ftslink&action=reflink&origin=ACS&version=1.0&coi=1%3ACAS%3A528%3ADyaG1cXotl2guw%253D%253D&md5=a36c74726c1c02d8a52d1f297d624fc6)
Effect of Biogenic Amines and Cannabinoids on Bacterial Chemotaxis (full - 1973) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC246374/?page=1>
Antibacterial activity of delta9-tetrahydrocannabinol and cannabidiol. (abst - 1976) [http://www.ncbi.nlm.nih.gov/sites/entrez?](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Retrieve&list_uids=1085130&dopt=abstract+plus)

[Db=pubmed&Cmd=Retrieve&list_uids=1085130&dopt=abstract plus](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Retrieve&list_uids=1085130&dopt=abstract+plus) Biological activity of cannabichromene, its homologs and isomers. (abst - 1981) <http://www.ncbi.nlm.nih.gov/pubmed/7298870>

Antiinflammatory and antimicrobial compounds and compositions United States Patent 4837228 (full - 1989) <http://www.freepatentsonline.com/4837228.html>

Antibacterial cannabinoids from Cannabis sativa: a structure-activity study.

<http://www.cannabisasmedicine.com/story/antibacterial-cannabinoids-cannabis-sativa-structure%E2%88%92activity-study>

Cannabinoids kill hospital superbug MRSA (news – 2008) http://www.worldhealth.net/news/cannabinoids_kill_hospital_superbug_mrsa/

Pot is good for you? Marijuana fights the superbugs (news - 2008) (full - 2008) <http://www.scientificamerican.com/blog/60-second-science/post.cfm?id=whoa-the-stuff-in-pot-kills-germs-2008-08-27&sc=rss>

Killing bacteria with cannabis (news - 2008)

<http://arstechnica.com/journals/science.ars/2008/08/26/killing-bacteria-with-cannabis>

New biologically active compounds from cannabis (news - 2008)

<http://arstechnica.com/science/news/2009/04/new-biologically-active-compounds-from-cannabis.ars>

A New MRSA Defense (news - 2008)

<http://www.technologyreview.com/biomedicine/21366/?a=f>

Chemicals in Marijuana May Fight MRSA (news - 2008)

<http://www.webmd.com/news/20080904/marijuana-chemicals-may-fight-mrsa>

Biologically Active Cannabinoids from High-Potency Cannabis sativa. (abst - 2009)

[http://www.unboundmedicine.com/medline/ebm/record/19344127/abstract/Biologically_Active_Cannabinoids_from_High_Potency_Cannabis_sativa_Characterization_and_antimicrobial_activity_of_essential_oils_of_industrial_hemp_varieties_\(Cannabis_sativa_L.\)](http://www.unboundmedicine.com/medline/ebm/record/19344127/abstract/Biologically_Active_Cannabinoids_from_High_Potency_Cannabis_sativa_Characterization_and_antimicrobial_activity_of_essential_oils_of_industrial_hemp_varieties_(Cannabis_sativa_L.)) (abst - 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19969046>

Natural plant cannabinoids reduce multi-drug resistant infections (news - 2009)

<http://www.news-medical.net/news/2009/04/23/48757.aspx>

Cannabis Compounds Reduce Multi-Drug Resistant Infections (news - 2009)

<http://www.medicalnewstoday.com/articles/147523.php>

Taming THC: potential cannabis synergy and phytocannabinoid-terpenoid entourage effects. (abst - 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21749363>

ANTI-FUNGAL PROPERTIES

Biologically Active Cannabinoids from High-Potency Cannabis sativa.

(abst - 2009)

http://www.unboundmedicine.com/medline/ebm/record/19344127/abstract/Biologically_Active_Cannabinoids_from_High_Potency_Cannabis_sativa_23

23

ANTI-INFLAMMATORY PROPERTIES

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

<http://www.ncbi.nlm.nih.gov/pubmed/7298870>

Analgesic and antiinflammatory activity of constituents of Cannabis sativa L. (full - 1988)

<http://www.ukcia.org/research/AnalgesicAndAntiInflammatoryActivityofConstituents.html>

Antiinflammatory and antimicrobial compounds and compositions United States Patent 4837228 (full - 1989) <http://www.freepatentsonline.com/4837228.html> 1',1'-Dimethylheptyl- Δ -8-tetrahydrocannabinol-11-oic Acid: A Novel, Orally Effective Cannabinoid with Analgesic and Anti-inflammatory Properties (full - 1999)

<http://jpet.aspetjournals.org/content/291/1/31.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=1840&resourcetype=HWCIT>

Antiinflammatory action of endocannabinoid palmitoylethanolamide and the synthetic cannabinoid nabilone in a model of acute inflammation in the rat (full - 2002) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?>

[artid=1573125&tool=pmcentrez](http://www.ncbi.nlm.nih.gov/pubmed/14644587) Cannabidiol-transdermal delivery and anti-inflammatory effect in a murine model. (abst - 2003) <http://www.ncbi.nlm.nih.gov/pubmed/14644587>

New perspectives in the studies on endocannabinoid and cannabis: 2-arachidonoylglycerol as a possible novel mediator of inflammation http://www.jstage.jst.go.jp/article/jphs/96/4/367/_pdf

Cannabinoids and neuroinflammation (full - 2004)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1574256/?tool=pmcentrez>

(full - 2004)

Inflammation and cancer IV. Colorectal cancer in inflammatory bowel disease: the role of inflammation. (full - 2004) <http://ajpgi.physiology.org/cgi/content/full/287/1/G7>

A novel synthetic, nonpsychoactive cannabinoid acid (HU-320) with antiinflammatory properties in murine collagen-induced arthritis. (full - 2004) <http://onlinelibrary.wiley.com/doi/10.1002/art.20050/full>

The cannabinoid receptor agonist WIN 55212-2 inhibits neurogenic inflammations in airway tissues. (full – 2005) http://www.jstage.jst.go.jp/article/jphs/98/1/77/_pdf

Stimulation of cannabinoid receptor 2 (CB2) suppresses microglial activation (full - 2005) <http://www.jneuroinflammation.com/content/2/1/29>

Ajulemic acid (IP-751): Synthesis, proof of principle, toxicity studies, and clinical trials (full - 2005) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2751505/?tool=pubmed>

Cannabinoids provide neuroprotection against 6-hydroxydopamine toxicity in vivo and in vitro: relevance to Parkinson's disease. (abst - 2005) <http://www.ncbi.nlm.nih.gov/pubmed/15837565?dopt=Abstract>

Endogenous cannabinoid receptor agonists inhibit neurogenic inflammations in guinea pig airways. (abst – 2005) <http://www.ncbi.nlm.nih.gov/pubmed/16103691>

Role of the Cannabinoid System in Pain Control and Therapeutic Implications for the Management of Acute and Chronic Pain Episodes (full - 2006) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2430692/?tool=pubmed>
Involvement of the Cannabinoid CB2 Receptor and Its Endogenous

Ligand 2- Arachidonoylglycerol in Oxazolone-Induced Contact Dermatitis in Mice (full – 2006) <http://www.jimmunol.org/content/177/12/8796.full>

The endocannabinoid anandamide protects neurons during CNS inflammation by induction of MKP-1 in microglial cells. (abst – 2006) www.ncbi.nlm.nih.gov/pubmed/16387640 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>
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>

24

Cannabidiol in vivo blunts β -amyloid induced neuroinflammation by suppressing IL-1 β and iNOS expression (Alzheimer's) (full - 2007) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2189818&tool=pmcentrez>

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>

Cannabidiol displays unexpectedly high potency as an antagonist of CB1 and CB2 receptor agonists in vitro (full - 2007) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2189767&tool=pmcentrez>

Anti-inflammatory property of the cannabinoid agonist WIN-55212-2 in a rodent model of chronic brain inflammation (full - 2007) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1852513&tool=pmcentrez>

Anti-inflammatory property of the cannabinoid receptor-2-selective agonist JWH-133 in a rodent model of autoimmune uveoretinitis (full - 2007) <http://www.jleukbio.org/cgi/reprint/82/3/532?>

[maxtoshow=&hits=80&RESULTFORMAT=&fulltext=canna
binoid&searchid=1&FIRSTINDEX=240&resourcetype=HWCIT](#)

Endocannabinoid metabolism and uptake: novel targets for neuropathic and inflammatory pain (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190014/?tool=pubmed>

The endocannabinoid system in targeting inflammatory neurodegenerative diseases

(full - 2007)

http://medicalcannabis.com/images/pdf09/indications/neurodegenerative/centonze_et_al_2007_inflammatory_neuro.pdf

Cannabinoid CB2 receptors: a therapeutic target for the treatment of inflammatory and neuropathic pain (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219541/?tool=pmcentrez>

Cannabinoids and neuroprotection in motor-related disorders. (abst - 2007)

<http://www.ncbi.nlm.nih.gov/pubmed/18220777>

Cannabinoids for the treatment of inflammation. (abst - 2007)

[http://www.ncbi.nlm.nih.gov/sites/entrez?
Db=pubmed&Cmd=Retrieve&list_uids=17520866&dopt=abstractplus](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Retrieve&list_uids=17520866&dopt=abstractplus)

A cannabinoid agonist differentially attenuates deep tissue hyperalgesia in animal models of cancer and inflammatory muscle pain. (abst – 2007)

<http://www.ncbi.nlm.nih.gov/pubmed/12749972> Constituents Of Hashish And Marijuana May Help To Fight Inflammation And Allergies (news - 2007) <http://www.sciencedaily.com/releases/2007/06/070607171120.htm>

Pot Chemical May Curb Inflammation (news – 2007)

<http://www.webmd.com/allergies/news/20070607/pot-chemical-may-curb-inflammation>

Endocannabinoids appear to play important role in regulating inflammation (news - 2007)

<http://www.news-medical.net/news/2007/06/08/26114.aspx>

Marijuana Skin Cream? (news - 2007)

<http://www.jointogether.org/news/research/summaries/2007/marijuana-skin-cream.html>

Anti-inflammatory cannabinoids in diet (full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2633791/?tool=pmcentrez>

Cannabinoid receptors in acute and chronic complications of atherosclerosis (full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219535/?tool=pmcentrez>

Cannabinoid receptor stimulation is anti-inflammatory and improves memory in old rats. (full -2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2586121/?tool=pubmed>

Inflammation and aging: can endocannabinoids help? (full - 2008)

<http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2408719&tool=pmcentrez>

Cannabinoid CB2 receptors in human brain inflammation (full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219537/>

Cannabinoid Modulation of Cutaneous A δ Nociceptors During Inflammation (full - 2008) <http://jn.physiology.org/cgi/reprint/100/5/2794>

Cannabinoid modulation of cutaneous Adelta nociceptors during inflammation. (full – 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2585399/?tool=pubmed>

25

Cannabidiol in medicine: a review of its therapeutic potential in CNS disorders.

(abst - 2008)

http://www.unboundmedicine.com/medline/ebm/record/18844286/abstract/Cannabidiol_in_medicine:_a_review_of_its_therapeutic_potential_in_CNS_disorders
Scientists are High on Idea that Cannabis Reduces Memory Impairment (news - 2008) <http://www.physorg.com/news146320102.html>

Why Cannabis Stems Inflammation (news - 2008)

<http://www.sciencedaily.com/releases/2008/07/080720222549.htm>

Emerging Role of the CB2 Cannabinoid Receptor in Immune Regulation and Therapeutic Prospects (full - 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2768535/?tool=pmcentrez>

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>

Cannabinoids Δ 9-Tetrahydrocannabinol and Cannabidiol Differentially Inhibit the Lipopolysaccharide-activated NF- κ B and Interferon- β /STAT Proinflammatory Pathways in

BV-2 Microglial Cells (full – 2009) <http://www.jbc.org/content/285/3/1616.full?sid=43211ca4-a4aa-4182-a554-d15e2835e288>

Ajulemic acid, a synthetic cannabinoid, increases formation of the endogenous proresolving and anti-inflammatory eicosanoid, lipoxin A4 (full - 2009) <http://www.fasebj.org/cgi/content/full/23/5/1503?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=2400&resourcetype=HWCIT>

Cannabinoids as Therapeutic Agents for Ablating Neuroinflammatory Disease (full - 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2750822/?tool=pmcentrez>

Cannabidiol Attenuates Cisplatin-Induced Nephrotoxicity by Decreasing Oxidative/Nitrosative Stress, Inflammation, and Cell Death (full – 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2682269/>

Cannabinoids as novel anti-inflammatory drugs. (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2828614/?tool=pubmed>

The nonpsychotropic cannabinoid cannabidiol modulates and directly activates alpha-1 and alpha-1-Beta glycine receptor function (full – 2009) <http://content.karger.com/produktedb/produkte.asp?DOI=000201556&typ=pdf>
Cannabinoids, Endocannabinoids, and Related Analogs in Inflammation

(full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2664885/?tool=pmcentrez>

Cannabidiol decreases bone resorption by inhibiting RANK/RANKL expression and pro-inflammatory cytokines during experimental periodontitis in rats. (abst - 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19070683>

Cannabinoids attenuate the effects of aging upon neuroinflammation and neurogenesis. (abst – 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19385063>

How Hemp Seed Oil Can Help Your Arthritis (news – 2009) <http://www.thefreelibrary.com/How+Hemp+Seed+Oil+Can+Help+Your+Arthritis-a01074002477>

Cannabinoid-induced apoptosis in immune cells as a pathway to immunosuppression. (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3005548/?tool=pubmed>

Cannabinoids and Viral Infections (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2903762/?tool=pmcentrez>

US Patent Application 20100222437 - COMPOSITION CONTAINING NON- PSYCHOTROPIC CANNABINOIDS FOR THE TREATMENT OF INFLAMMATORY DISEASES (full – 2010) <http://www.patentstorm.us/applications/20100222437/fulltext.html>

The endocannabinoid system as a target for the treatment of neurodegenerative disease (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2931550/?tool=pubmed>

The effects of Delta-tetrahydrocannabinol and cannabidiol alone and in combination on

damage, inflammation and in vitro motility disturbances in rat colitis. (full - 2010)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2931570/?tool=pubmed>

Acute administration of cannabidiol in vivo suppresses ischaemia-induced cardiac arrhythmias and reduces infarct size when given at reperfusion. (abst - 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20590615>
Regulatory Role of Cannabinoid Receptor 1 in Stress-Induced Excitotoxicity and Neuroinflammation (abst - 2010) <http://www.nature.com/npp/journal/vaop/ncurrent/full/npp2010214a.html>

WIN55212-2 ameliorates atherosclerosis associated with suppression of pro-inflammatory responses in ApoE-knockout mice. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20868672> Beneficial effects of cannabinoids (CB) in a murine model of allergen-induced airway inflammation: Role of CB(1)/CB(2) receptors. (abst - 2010)

http://www.unboundmedicine.com/medline/ebm/record/21056512/abstract/Beneficial_effects_of_cannabinoids_CB_in_a_murine_model_of_allergen_induced_airway_inflammation:_Role_of_CB_1_/CB_2__receptors_
Levels of endocannabinoids and palmitoylethanolamide and their pharmacological

manipulation in chronic granulomatous inflammation in rats. (abst – 2010)

<http://www.ncbi.nlm.nih.gov/pubmed/19931394>

Cannabidiol reduces lipopolysaccharide-induced vascular changes and inflammation in the mouse brain: an intravital microscopy study (full – 2011) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3034694/?tool=pmcentrez>
Cannabidiol Reduces A β -Induced Neuroinflammation and Promotes Hippocampal Neurogenesis through PPAR γ Involvement (full – 2011) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3230631/?tool=pubmed>

Evaluation of the Cyclooxygenase Inhibiting Effects of Six Major Cannabinoids Isolated from Cannabis sativa (full – 2011) http://www.jstage.jst.go.jp/article/bpb/34/5/774/_pdf

Gut feelings about the endocannabinoid system (full – 2011)

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

Local activation of cannabinoid CB1 receptors in the urinary bladder reduces the inflammation-induced sensitization of bladder afferents. (full – 2011) <http://www.molecularpain.com/content/pdf/1744-8069-7-31.pdf>

The Antinociceptive Effects of JWH-015 in Chronic Inflammatory Pain Are Produced by Nitric Oxide-cGMP-PKG-KATP Pathway Activation Mediated by Opioids. (full – 2011) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3198780/?tool=pubmed>

Cannabinoids and Innate Immunity: Taking a Toll on Neuroinflammation (abst- with link to full – 2011) <http://www.tswj.com/2011/230786/abs/>

Increasing endogenous 2-arachidonoylglycerol levels counteracts colitis and related systemic inflammation. (abst – 2011)

<http://www.unboundmedicine.com/medline/ebm/record/21551239/abstract/>

Increasing_endogenous_2_arac`
hidonoylglycerol_levels_counteracts_colitis_and_related_systemic_inflammation_ Cannabidiol as an emergent therapeutic strategy for lessening the impact of inflammation on oxidative stress. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21238581>

GPR55 regulates cannabinoid 2 receptor-mediated responses in human neutrophils.

(abst – 2011) http://www.unboundmedicine.com/medline/ebm/record/21467997/abstract/GPR55_regulates_cannabinoid_2_receptor_mediated_responses_in_human_neutrophils_

Immunomodulatory properties of kappa opioids and synthetic cannabinoids in HIV-1 neuropathogenesis. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21850403>

Cannabidiol protects against hepatic ischemia/reperfusion injury by attenuating oxidative

stress, inflammatory response, and cell death (abst – 2011)

http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/639.12?maxtoshow=&hits=80

&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=160&sorts pec=date&resourcetype=HWCIT

Differential transcriptional profiles mediated by exposure to the cannabinoids cannabidiol and

$\Delta(9)$ -tetrahydrocannabinol in BV-2 microglial cells (abst – 2011)

http://www.unboundmedicine.com/medline/ebm/record/21542829/abstract/Differential_transcriptional_pro

27

[files_mediated_by_exposure_to_the_cannabinoids_cannabidiol_and_%CE%94_9__tetrahydrocannabinol_in_BV_2_microglial_cells_](#)

Cannabidiol protects against hepatic ischemia/reperfusion injury by attenuating inflammatory signaling and response, oxidative/nitrative stress, and cell death. (abst – 2011) http://www.unboundmedicine.com/medline/ebm/record/21362471/abstract/Cannabidiol_protects_against_hepatic_ischemia/reperfusion_injury_by_attenuating_inflammatory_signaling_and_response_oxidative/nitrative_stress_and_cell_death_

Deletion of cannabinoid receptors 1 and 2 exacerbates APC function to increase inflammation and cellular immunity during influenza infection. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21873455>

A synthetic cannabinoid, CP55940, inhibits lipopolysaccharide-induced cytokine mRNA expression in a cannabinoid receptor-independent mechanism in rat cerebellar granule cells. (abst – 2011) <http://www.unboundmedicine.com/medline/ebm/record/21492165/abstract/>

[A_synthetic_cannabinoid_CP55940_inhibits_lipopolysaccharide_induced_cytokine_mRNA_expression_in_a_cannabinoid_receptor_independent_mechanism_in_rat_cerebellar_granule_cells_](#)

Effects of cannabinoids and cannabinoid-enriched Cannabis extracts on TRP channels and

endocannabinoid metabolic enzymes. (abst – 2011)

http://www.unboundmedicine.com/medline/ebm/record/21175579/abstract/Effects_of_cannabinoids_and_c

annabinoid_enriched_Cannabis_extracts_on_TRP_channels_and_endocannabinoid_metabolic_enzymes_

New metabolic pathway for controlling brain inflammation (news – 2011) <http://www.news-medical.net/news/20111021/New-metabolic-pathway-for-controlling-brain-inflammation.aspx>

ANTIMICROBIAL PROPERTIES

Susceptibility of *Naegleria fowleri* to delta 9-tetrahydrocannabinol. (full - 1979)

<http://aac.asm.org/cgi/reprint/16/5/674?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=1040&resourcetype=HWCIT>

The trypanocidal effect of *Cannabis sativa* constituents in experimental animal trypanosomiasis. (African Sleeping Sickness) (abst – 1994) <http://www.ncbi.nlm.nih.gov/pubmed/7900270>

The effect of fibre hemp (*Cannabis sativa* L.) on selected soil-borne pathogens (full – 1994)

<http://druglibrary.org/olsen/hemp/IHA/iha01103.html>

Endocannabinoids Inhibit the Growth of Free-Living Amoebae (full – 2010)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2897284/?tool=pubmed>

APPETITE STIMULANT - also see TASTE, OBESITY

Factors influencing the aggressiveness elicited by marihuana in food-deprived rats (full - 1972) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1666002&tool=pmcentrez>

Marihuana use. Biologic and behavioral aspects. (abst – 1976)

<http://www.ncbi.nlm.nih.gov/pubmed/981073>

Anorexia and hyperphagia produced by five pharmacologic classes of hallucinogens. (abst – 1982) <http://www.ncbi.nlm.nih.gov/pubmed/6292959>

Behavioral analysis of marijuana effects on food intake in humans. (abst - 1986)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=118

Effects of smoked marijuana on food intake and body weight of humans living in a residential laboratory. (abst - 1988) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=117

Dronabinol enhancement of appetite in cancer patients. (abst - 1990)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=149

Recent clinical experience with dronabinol. (abst - 1991)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=90

Dronabinol stimulates appetite and causes weight gain in HIV patients.

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=20

(abst - 1992)

28

Dronabinol effects on weight in patients with HIV infection. (abst - 1992)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=45

Effect of dronabinol on nutritional status in HIV infection. (abst - 1993)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=150

A phase II study of delta-9-tetrahydrocannabinol for appetite stimulation in cancer- associated anorexia. (abst - 1994) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=52

Cannabinoids and appetite stimulation. (abst – 1994)

<http://www.ncbi.nlm.nih.gov/pubmed/7816872>

Dronabinol as a treatment for anorexia associated with weight loss in patients with AIDS. (abst - 1995) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=21

The perceived effects of smoked cannabis on patients with multiple sclerosis.

(abst - 1997) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=13

Effects of dronabinol on anorexia and disturbed behavior in patients with Alzheimer's disease (abst - 1997) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=59

Immunoactive cannabinoids: Therapeutic prospects for marijuana constituents

(full - 2000) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=34030&tool=pmcentrez>

Low dose anandamide affects food intake, cognitive function, neurotransmitter and corticosterone levels in diet-restricted mice. (abst – 2000) <http://www.ncbi.nlm.nih.gov/pubmed/10762668>

Dietary intake and nutritional status of US adult marijuana users: results from the Third National Health and Nutrition Examination Survey. (full – 2001) http://journals.cambridge.org/action/displayFulltext?type=6&fid=626876&jid=PHN&volumeId=4&issueId=03&aid=562676&bodyId=&membershipNumber=&societyETOCSession=&fulltextType=RA&fileId=S1_368980001000738

Neuroprotection by Delta 9-Tetrahydrocannabinol, the Main Active Compound in Marijuana,

against Ouabain-Induced In Vivo Excitotoxicity (full - 2001)

<http://www.jneurosci.org/cgi/content/full/21/17/6475?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=cannabis&andorexactfulltext=and&searchid=1&FIRSTINDEX=50&sortspec=relevance&resourcetype=HWCIT>

Anandamide administration into the ventromedial hypothalamus stimulates appetite in rats (full - 2001) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573067/?tool=pmcentrez>

Therapeutic Aspects of Cannabis and Cannabinoids (full - 2001)

<http://bjp.rcpsych.org/cgi/reprint/178/2/107.pdf>

Leptin-regulated endocannabinoids are involved in maintaining food intake (letter – 2001)

<http://www.nature.com/nature/journal/v410/n6830/full/410822a0.html>

Attack of the munchies (news - 2001)

<http://www.newscientist.com/article/dn617-attack-of-the-munchies.html>

Scientists crack 'munchies' mystery (news - 2001)

<http://news.bbc.co.uk/2/hi/science/nature/1271718.stm>

A Peripheral Mechanism for CB1 Cannabinoid Receptor-Dependent Modulation of Feeding (full - 2002) http://www.jneurosci.org/cgi/content/abstract/22/21/9612?ijkey=328b5e83d7be9297b9483d22e0d6319fa0a862e8&keytype2=tf_ipsecsha

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>

The endogenous cannabinoid system affects energy balance via central orexigenic drive and peripheral lipogenesis (full - 2003) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC166293/> Endogenous cannabinoid system as a modulator of food intake. (full - 2003) <http://www.nature.com/ijo/journal/v27/n3/full/0802250a.html>

The cannabinoid system: a role in both the homeostatic and hedonic control of eating? (full – 2003) http://journals.cambridge.org/download.php?file=%2FBJN%2FBJN90_04%2FS000711450300179Xa.pdf&code=62ffe5c7ad41131e6dc05fe2f918880a

Safety and efficacy of dronabinol in the treatment of agitation in patients with Alzheimer's disease with anorexia: A retrospective chart review (abst - 2003) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=61

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>

Milk intake and survival in newborn cannabinoid CB1 receptor knockout mice: evidence for a "CB3" receptor. (abst – 2003) <http://www.ncbi.nlm.nih.gov/pubmed/12568912>

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>

Endocannabinoids: Getting the message across (full - 2004)

<http://www.pnas.org/content/101/23/8512.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoids&searchid=1&FIRSTINDEX=2880&resourcetype=HWCIT>

Very low doses of delta 8-THC increase food consumption and alter neurotransmitter levels following weight loss. (abst – 2004) <http://www.ncbi.nlm.nih.gov/pubmed/15099912>

Overeating, Alcohol and Sucrose Consumption Decrease in Cb1 Receptor Deleted Mice. (abst – 2004) <http://medical-journals.healia.com/doc/12770700/Overeating-alcohol-and-sucrose-consumption-decrease-in-CB1-receptor-deleted-mice>

Endocannabinoids and food intake: newborn suckling and appetite regulation in adulthood. (full - 2005) <http://ebm.rsmjournals.com/cgi/content/full/230/4/225>

Food for thought: endocannabinoid modulation of lipogenesis (full - 2005)

<http://www.jci.org/articles/view/25076/version/1>

Endocannabinoids in the Regulation of Appetite and Body Weight. (abst - 2005)

<http://medical-journals.healio.com/doc/16148436/Endocannabinoids-in-the-regulation-of-appetite-and-body-weight>

Cannabinoids augment the release of neuropeptide Y in the rat hypothalamus (abst – 2005) <http://www.sciencedirect.com/science/article/pii/S0028390805001668>

Effects of the endocannabinoid noladin ether on body weight, food consumption, locomotor activity, and cognitive index in mice. (abst – 2005) <http://www.ncbi.nlm.nih.gov/pubmed/15763177>

THC effective in appetite and weight loss in severe lung disease (COPD)

http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=191#2

Machinery Of The 'Marijuana Munchies' (news - 2005)

<http://www.sciencedaily.com/releases/2005/12/051226102503.htm>

(news - 2005)

Comparison of orally administered cannabis extract and delta-9-tetrahydrocannabinol in treating patients with cancer-related anorexia-cachexia syndrome: a multicenter, phase III, randomized, double-blind, placebo-controlled clinical trial from the Cannabis-In- Cachexia- Study-Group (full - 2006) <http://jco.ascopubs.org/content/24/21/3394.long>

Effect of a cannabinoid agonist on gastrointestinal transit and postprandial satiation in healthy

human subjects: a randomized, placebo-controlled study (abst - 2006)

<http://cel.isiknowledge.com/InboundService.do?product=CEL&action=retrieve&SrcApp=Highwire&UT=000239661000005&SID=2BiIeEJCIN8n7IfjpEB&Init=Yes&SrcAuth=Highwire&mode=FullRecord&customersID=Highwire>

Lack of tolerance to the suppressing effect of rimonabant on chocolate intake in rats. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16491428>

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 Methods evaluating cannabinoid and endocannabinoid effects on gastrointestinal functions. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16506408>

Dronabinol for supportive therapy in patients with malignant melanoma and liver

metastases (abst - 2006)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=180

The endogenous cannabinoid system: a new player in the brain-gut-adipose axis (full - 2007) http://www.cannabis-med.org/english/journal/en_2007_02_1.pdf

30

CANNABINOID-INDUCED HYPERPHAGIA: CORRELATION WITH INHIBITION OF PROOPIOMELANOCORTIN NEURONS?

(full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2720321/?tool=pmcentrez>

Endocannabinoid hedonic hotspot for sensory pleasure: anandamide in nucleus accumbens shell enhances 'liking' of a sweet reward. (full – 2007) <http://www.nature.com/npp/journal/v32/n11/full/1301376a.html>

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>

Dronabinol an effective appetite stimulant? (abst - 2007) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=188

THC improves appetite and reverses weight loss in AIDS patients (abst - 2007)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=189

Efficacy of dronabinol alone and in combination with ondansetron versus ondansetron alone for delayed chemotherapy-induced nausea and

vomiting. (abst - 2007) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=191

Dronabinol and marijuana in HIV-positive marijuana smokers: caloric intake, mood, and sleep. (abst - 2007) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=190

Feeding induced by cannabinoids is mediated independently of the melanocortin system. (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2386290/?tool=pubmed>

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>

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 role of endocannabinoids in the regulation of gastric emptying: alterations in mice fed a high-fat diet. (full – 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2275439/?tool=pubmed>

ENDOCANNABINOIDS AND THE NEUROCHEMISTRY OF GLUTTONY. (abst - 2008)

<http://www.ncbi.nlm.nih.gov/pubmed/18638022>

Behavioral effects of CB2 cannabinoid receptor activation and its influence on food and alcohol consumption. (abst - 2008) <http://www.ncbi.nlm.nih.gov/pubmed/18991890>

Role of endocannabinoids and their analogues in obesity and eating disorders. (abst – 2008)

<http://www.ncbi.nlm.nih.gov/pubmed/19011363>

Endocannabinoids and Their Receptors as Targets for Obesity Therapy (full - 2009)

<http://endo.endojournals.org/cgi/content/full/150/6/2531#top>

Synthetic and plant-derived cannabinoid receptor antagonists show hypophagic properties in fasted and non-fasted mice (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2697695/?tool=pubmed>

Endocannabinoids selectively enhance sweet taste (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2818929/?tool=pmcentrez>

Endogenous cannabinoid signalling and energy balance (abst – 2009)

<http://gradworks.umi.com/NR/44/NR44386.html>

Cannabinoids and appetite: food craving and food pleasure. (abst – 2009)

<http://www.ncbi.nlm.nih.gov/pubmed/19367510>

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

Natural Pot-Like Compound Could Fight Obesity (news - 2009)

<http://www.scientificamerican.com/podcast/episode.cfm?id=natural-pot-like-compound-could-fig-09-12-29>

Enhanced Sweet Taste: Endocannabinoids Act Directly on Tongue Taste Receptors (news - 2009) <http://www.sciencedaily.com/releases/2009/12/091222104920.htm>

Chemicals in pot stimulate tongue receptors to taste sweetness. (news - 2009)

<http://www.thefreelibrary.com/>

[Chemicals+in+pot+stimulate+tongue+receptors+to+taste+sweetness.- a0215089160](http://www.thefreelibrary.com/Chemicals+in+pot+stimulate+tongue+receptors+to+taste+sweetness.-+a0215089160)

The multiple functions of the endocannabinoid system: a focus on the regulation of food intake. (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2832623/?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>

Cannabis constituents modulate δ 9-tetrahydrocannabinol-induced hyperphagia in rats. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20349049>

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>

Cannabidiol Attenuates the Appetitive Effects of Δ 9-Tetrahydrocannabinol in Humans Smoking Their Chosen Cannabis (abst - 2010) <http://www.nature.com/npp/journal/vaop/ncurrent/abs/npp201058a.html>

Anandamide and AM251, via water, modulate food intake at central and peripheral level in fish. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/19800340>

A low- Δ 9tetrahydrocannabinol cannabis extract induces hyperphagia in rats. (abst – 2010)

<http://www.ncbi.nlm.nih.gov/pubmed/20975531>

Deficiency of CB2 cannabinoid receptor in mice improves insulin sensitivity but increases food intake and obesity with age. (abst – 2010) <http://www.springerlink.com/content/g037q1lh40l15161/>

Endocannabinoid Modulation Of Tongue Sweet Taste Receptors May Help Control Feeding Behavior (news – 2010) <http://www.medicalnewstoday.com/releases/174683.php> Delta-9-tetrahydrocannabinol may palliate altered chemosensory perception in cancer patients: results of a randomized, double-blind, placebo-controlled pilot trial

(full – 2011) <http://annonc.oxfordjournals.org/content/early/2011/02/11/annonc.mdq727.full>

Cannabidiol inhibits the hyperphagia induced by cannabinoid-1 or serotonin-1A receptor agonists. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21238476>

Cannabidiol decreases body weight gain in rats: Involvement of CB2 receptors. (abst - 2011) <http://marijuana.researchtoday.net/archive/8/1/3517.htm>
Efficacy and tolerability of high-dose dronabinol maintenance in HIV-positive marijuana smokers: a controlled laboratory study. (abst – 2010) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=316

Science: Cannabis influences blood levels of appetite hormones in people with HIV (news – 2011) http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=363#2

Cannabis sativa and the endogenous cannabinoid system: therapeutic potential for appetite regulation. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21213357>

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> Cannabidiol potentiates $\Delta(9)$ -tetrahydrocannabinol (THC) behavioural effects and alters THC pharmacokinetics during acute and chronic treatment in adolescent rats. (abst - 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21667074>

Fish oil promotes survival and protects against cognitive decline in severely undernourished mice by normalizing satiety signals. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21109417>

Non- $\Delta(9)$ tetrahydrocannabinol phytocannabinoids stimulate feeding in rats. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/22157176>

Increment of hypothalamic 2-arachidonoylglycerol induces the preference for a high-fat diet

via activation of cannabinoid 1 receptors (abst – 2011)

http://www.unboundmedicine.com/medline/ebm/record/20817042/abstract/Increment_of_hypothalamic_2_arachidonoylglycerol_induces_the_preference_for_a_high_fat_diet_via_activation_of_cannabinoid_1_receptors
Cannabinoids in children (abst – 2011)

32

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=295

Ingredient in cannabis restores taste for cancer patients (news – 2011)

http://news.yahoo.com/s/afp/20110222/hl_afp/healthdiseasecancerdrugscannabisfood

Cannabis Ingredient Can Help Cancer Patients Regain Their Appetites and Sense of Taste, Study Finds (news – 2011) <http://www.sciencedaily.com/releases/2011/02/110222192830.htm>

Study helps explain why fatty foods are complicit in weight gain (news - 2011)

<http://www.news-medical.net/news/20110705/Study-helps-explain-why-fatty-foods-are-complicit-in-weight-gain.aspx>

Endocannabinoid Signaling In Dietary Restriction And Lifespan Extension (news – 2011) <http://www.medicalnewstoday.com/releases/225007.php>

Father: Medical marijuana eased pain of my cancer-battling son

<http://www.komonews.com/news/local/120941429.html>

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

http://health.yahoo.net/news/s/nm/us_marijuana_obesity

ARACHIDONYL-2'-CHLOROETHYLAMIDE see ACEA 2-

ARACHIDONOYLGLYCEROL see 2-AG

(anecdotal – 2011)

ARTHRITIS

ANTI-EDEMA AND ANALGESIC PROPERTIES OF Δ 9-TETRAHYDROCANNABINOL

(THC) (abst- 1973)

<http://jpet.aspetjournals.org/content/186/3/646.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=2160&resourcetype=HWCIT>
Analgesic and antiinflammatory activity of constituents of Cannabis sativa L. (full - 1988) <http://www.ukcia.org/research/AnalgesicAndAntiInflammatoryActivityofConstituents.html>

US Patent 6132762 - Transcutaneous application of marijuana (full - 2000)

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

Immunoactive cannabinoids: Therapeutic prospects for marijuana constituents

(full - 2000) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=34030&tool=pmcentrez>

The nonpsychoactive cannabis constituent cannabidiol is an oral anti-arthritic therapeutic in murine collagen-induced arthritis (full - 2000)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC16904/?tool=pubmed>

Marijuana Extract Helps Arthritis Pain (news - 2000) <http://www.prohealth.com/library/showArticle.cfm?libid=552>

Anandamide activates peripheral nociceptors in normal and arthritic rat knee joints (full - 2001) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1572613/?tool=pmcentrez>

Cannabidiol-transdermal delivery and anti-inflammatory effect in a murine model. (abst - 2003) <http://www.ncbi.nlm.nih.gov/pubmed/14644587>

Cannabis May Suppress Immune System (news - 2003) <http://lupus.webmd.com/news/20030415/cannabis-may-suppress-immune-system>

A novel synthetic, nonpsychoactive cannabinoid acid (HU-320) with antiinflammatory properties in murine collagen-induced arthritis. (full-2004) <http://onlinelibrary.wiley.com/doi/10.1002/art.20050/full>

Ajulemic acid (IP-751): Synthesis, proof of principle, toxicity studies, and clinical trials (abst - 2005) <http://www.ncbi.nlm.nih.gov/pmc/articles/>

[PMC2751505/?tool=pmcentrez](#)

Rheumatoid arthritis, Cannabis based medicine eases pain and suppresses disease (news - 2005) <http://www.medicalnewstoday.com/articles/33376.php>

Cannabis could relieve rheumatoid arthritis pain (news - 2005)

<http://www.independent.co.uk/life-style/health-and-families/health-news/cannabis-could-relieve-rheumatoid-arthritis-pain-514536.html>

Cannabis-Based Drug Relieves Arthritis Pain (news - 2005) <http://www.medpagetoday.com/Rheumatology/Arthritis/2097>

33

First study to use a cannabis-based medicine for treating rheumatoid arthritis (news - 2005)

<http://www.news-medical.net/news/2005/11/09/14393.aspx>

Pot-Based Drug Promising for Arthritis (news - 2005)

<http://www.webmd.com/rheumatoid-arthritis/news/20051108/pot-based-drug-promising-for-arthritis>

Preliminary assessment of the efficacy, tolerability and safety of a cannabis-based medicine

(Sativex) in the treatment of pain caused by rheumatoid arthritis (full - 2006)

<http://rheumatology.oxfordjournals.org/cgi/content/full/45/1/50?maxtoshow=&hitqs=80&RESULTFORM>

A

[T=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=2240&resourcetype=HWCIT](http://rheumatology.oxfordjournals.org/cgi/content/full/45/6/781)

The use of a cannabis-based medicine (Sativex) in the treatment of pain caused by rheumatoid arthritis (letter - 2006) [http://](http://rheumatology.oxfordjournals.org/cgi/content/full/45/6/781)

rheumatology.oxfordjournals.org/cgi/content/full/45/6/781

Arthritis and cannabinoids: HU-210 and Win-55,212-2 prevent IL-1 α -induced matrix degradation in bovine articular chondrocytes in-vitro. (abst - 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16536902>

The Cannabinergic System as a Target for Anti-inflammatory Therapies (abst - 2006) <http://www.ingentaconnect.com/content/ben/ctmc/2006/00000006/00000013/art00008>

SAFETY AND TOLERABILITY OF LONG-TERM TREATMENT WITH A CANNABIS- BASED MEDICINE (SATIVEX) IN PATIENTS WITH RHEUMATOID ARTHRITIS (abst - 2006)

http://eular.bmj.com/cgi/content/abstract/65/Suppl_2/498-a?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=1840 &resourcetype=HWCIT

In vivo effects of CB2 receptor-selective cannabinoids on the vasculature of normal and arthritic rat knee joints (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219539/?tool=pmcentrez>

Arthritis and pain. Future targets to control osteoarthritis pain. (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2206352/?tool=pubmed>

INHIBITORY EFFECT OF CANNABINOID AGONISTS ON CYTOKINE PRODUCTION IN HUMAN OSTEOARTHRITIC AND RHEUMATOID FIBROBLAST-LIKE SYNOVIOCYTES (abst - 2007)

http://eular.bmj.com/cgi/content/abstract/66/Suppl_2/283-b?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT

Suppression of fibroblast metalloproteinases by ajulemic acid, a nonpsychoactive cannabinoid acid. (abst - 2007) <http://www.ncbi.nlm.nih.gov/pubmed/16927387>

www.ncbi.nlm.nih.gov/pubmed/16927387

The antinociceptive effect of Delta9-tetrahydrocannabinol in the arthritic rat involves the CB(2) cannabinoid receptor. (abst - 2007) http://www.unboundmedicine.com/medline/ebm/record/17588560/abstract/The_antinociceptive_effect_of_Delta9_tetrahydrocannabinol_in_the_arthritic_rat_involves_the_CB_2_cannabinoid_receptor

www.unboundmedicine.com/medline/ebm/record/17588560/abstract/The_antinociceptive_effect_of_Delta9_tetrahydrocannabinol_in_the_arthritic_rat_involves_the_CB_2_cannabinoid_receptor

[The_antinociceptive_effect_of_](http://www.unboundmedicine.com/medline/ebm/record/17588560/abstract/The_antinociceptive_effect_of_Delta9_tetrahydrocannabinol_in_the_arthritic_rat_involves_the_CB_2_cannabinoid_receptor)

[Delta9_tetrahydrocannabinol_in_the_arthritic_rat_involves_the_CB_2_cannabinoid_receptor](http://www.unboundmedicine.com/medline/ebm/record/17588560/abstract/The_antinociceptive_effect_of_Delta9_tetrahydrocannabinol_in_the_arthritic_rat_involves_the_CB_2_cannabinoid_receptor)

Synergy between Delta(9)-tetrahydrocannabinol and morphine in the arthritic rat

(abst - 2007) http://www.unboundmedicine.com/medline/ebm/record/17498686/abstract/Synergy_between_Delta_9_tetrahydrocannabinol_and_morphine_in_the_arthritic_rat

[Synergy_between_Delta_9_tetrahydrocannabinol_and_morphine_in_the_arthritic_rat](http://www.unboundmedicine.com/medline/ebm/record/17498686/abstract/Synergy_between_Delta_9_tetrahydrocannabinol_and_morphine_in_the_arthritic_rat)

Characterisation of the cannabinoid receptor system in synovial tissue and fluid in patients with osteoarthritis and rheumatoid arthritis. (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2453762/?tool=pubmed>

In vivo effects of CB2 receptor-selective cannabinoids on the vasculature of normal and arthritic rat knee joints (full - 2008) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2219539&tool=pmcentrez>
Cannabinoid-mediated antinociception is enhanced in rat osteoarthritic knees. (full – 2008) <http://onlinelibrary.wiley.com/doi/10.1002/art.23156/full>
CB2 cannabinoid receptor agonist JWH-015 modulates human monocyte migration through defined intracellular signaling pathways. (full – 2008) <http://ajpheart.physiology.org/content/294/3/H1145.long>
How Cannabis Compares to other treatments (article - 2008) <http://dcsafeaccess.org/medical/how-cannabis-compares-to-other-treatments/>

34

Suppression of human macrophage interleukin-6 by a nonpsychoactive cannabinoid acid. (abst - 2008) <http://www.ncbi.nlm.nih.gov/sites/pubmed>
Ajulemic acid, a nonpsychoactive cannabinoid acid, suppresses osteoclastogenesis in mononuclear precursor cells and induces apoptosis in mature osteoclast-like cells. (abst - 2008) <http://www.ncbi.nlm.nih.gov/pubmed/17786950>

Anti-inflammatory compound from cannabis found in herbs (news - 2008)

<http://www.rsc.org/chemistryworld/News/2008/June/24060801.asp>

Ajulemic acid, a synthetic cannabinoid, increases formation of the endogenous proresolving and anti-inflammatory eicosanoid, lipoxin A4 (full - 2009) <http://www.fasebj.org/cgi/content/full/23/5/1503?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=2400&resourcetype=HWCIT>

Cannabinoids as novel anti-inflammatory drugs. (full - 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2828614/?tool=pubmed>

How Hemp Seed Oil Can Help Your Arthritis (news – 2009)

<http://www.thefreelibrary.com/How+Hemp+Seed+Oil+Can+Help+Your+Arthritis-a01074002477>

Tissue Engineering of Cartilage; Can Cannabinoids Help? (full – 2010)

<http://www.mdpi.com/1424-8247/3/9/2970/pdf>

Cannabinoid-induced apoptosis in immune cells as a pathway to immunosuppression. (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3005548/?tool=pubmed>

Tonic modulation of spinal hyperexcitability by the endocannabinoid receptor system in a rat model of osteoarthritis pain. (full – 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3132591/?tool=pubmed>

Local application of the endocannabinoid hydrolysis inhibitor URB597 reduces nociception in spontaneous and chemically induced models of osteoarthritis. (abst – 2010) http://www.unboundmedicine.com/medline/ebm/record/21185649/abstract/Local_application_of_the_endo_cannabinoid_hydrolysis_inhibitor_URB597_reduces_nociception_in_spontaneous_and_chemically_induced_models_of_osteoarthritis_

Paradoxical effects of the cannabinoid CB2 receptor agonist GW405833 on rat osteoarthritic knee joint pain. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20863899>

Cannabinoids for Treatment of Chronic Non-Cancer Pain; a Systematic Review of Randomized Trials. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21426373>

Cannabidiol as an emergent therapeutic strategy for lessening the impact of inflammation on oxidative stress. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21238581>

The abnormal cannabidiol analogue O-1602 reduces nociception in a rat model of acute arthritis via the putative cannabinoid receptor GPR55. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21683763>

AS- 1535907 synthetic, GPR119 agonist

The role of small molecule GPR119 agonist, AS1535907, in glucose-stimulated insulin secretion and pancreatic β -cell function (full – 2010) <http://pubget.com/search?q=authors%3A%22Y%20Yonetoku%22>

Novel GPR119 agonist AS1535907 contributes to first-phase insulin secretion in rat perfused pancreas and diabetic db/db mice. (abst – 2010)

<http://www.ncbi.nlm.nih.gov/pubmed/20937249>

AS-1907417 synthetic, GPR119 agonist

AS1907417, a novel GPR119 agonist, as an insulinotropic and β -cell preservative agent for the treatment of type 2 diabetes. (abst – 2010)

<http://www.ncbi.nlm.nih.gov/pubmed/20816753>

ASTHMA - also see LUNG FUNCTION

Acute effects of smoked marijuana and oral delta-9-tetrahydrocannabinol on specific airway conductance in asthmatic subjects (full - 1974) <http://www.ukcia.org/research/SmokedAndOralInAsthmatic.php>

[SmokedAndOralInAsthmatic.php](http://www.ukcia.org/research/SmokedAndOralInAsthmatic.php)

Effects of smoked marijuana in experimentally induced asthma. (full - 1975) <http://www.ukcia.org/research/InducedAsthma/index.php>

35

Bronchodilator effect of delta1-tetrahydrocannabinol administered by aerosol of asthmatic patients. (full - 1976) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC470501/?tool=pmcentrez&page=1>

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

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=109

Bronchodilator effect of delta1-tetrahydrocannabinol. (full - 1978)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1429361/>

Comparison of bronchial effects of nabilone and terbutaline (abst - 1983)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=43

Acute and subacute bronchial effects of oral cannabinoids. (abst - 1984)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=44

Role of prostaglandins in marijuana-induced bronchodilation. (abst – 1986)

<http://www.ncbi.nlm.nih.gov/pubmed/3006196>

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

Cannabis and cannabinoids: pharmacology and rationale for clinical use (abst – 1999) <http://pharmgkb.org/pmid/10575283>

Therapeutic aspects of cannabis and cannabinoids. (full - 2001)

<http://bjp.rcpsych.org/cgi/content/full/178/2/107>

Endogenous cannabinoid receptor agonists inhibit neurogenic inflammations in guinea pig airways. (abst – 2005) <http://www.ncbi.nlm.nih.gov/pubmed/16103691>

New Synthetic Delta-9-THC Inhaler Offers Safe, Rapid Delivery (news - 2005)

<http://www.medicalnewstoday.com/articles/22937.php>

The Cannabinergic System as a Target for Anti-inflammatory Therapies (abst - 2006)

<http://www.ingentaconnect.com/content/ben/ctmc/2006/00000006/00000013/art00008>

Cannabinoid CB(2) receptor activation prevents bronchoconstriction and airway oedema in a model of gastro-oesophageal reflux. (abst - 2007)

<http://www.ncbi.nlm.nih.gov/pubmed/17643417>

Cannabinoids as novel anti-inflammatory drugs. (full - 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2828614/?tool=pubmed>

Cannabinoid-induced apoptosis in immune cells as a pathway to immunosuppression. (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3005548/?tool=pubmed>

Beneficial effects of cannabinoids (CB) in a murine model of allergen-induced airway

inflammation: Role of CB(1)/CB(2) receptors. (abst - 2010)

<http://www.unboundmedicine.com/medline/ebm/record/21056512/abstract/>

Beneficial_effects_of_cannabin

oids_CB_in_a_murine_model_of_allergen_induced_airway_inflammation:_Role_of_CB_1_/CB_2_receptors_

The cannabinoid receptor agonist WIN 55,212-2 inhibits antigen-induced plasma

extravasation in guinea pig airways. (abst – 2010) <http://>

www.ncbi.nlm.nih.gov/pubmed/20150748 A THEROSCLEROSIS

Cardiovascular Effects of Cannabis (news - no date)

<http://www.idmu.co.uk/canncardio.htm>

Cannabinoids impair the formation of cholesteryl ester in cultured human cells. (full – 1981)

<http://atvb.ahajournals.org/cgi/reprint/1/6/449>

Low dose oral cannabinoid therapy reduces progression of atherosclerosis in mice. (full - 2005) <http://www.nature.com/nature/journal/v434/n7034/full/nature03389.html>

Cannabis compound tackles blood vessel disease (news - 2005)

<http://www.medicalnewstoday.com/articles/22658.php>

Medical marijuana: study shows that THC slows atherosclerosis (news - 2005)

http://thenexthurrah.typepad.com/the_next_hurrah/2005/04/medical_marijua.html

Science: THC slows development of atherosclerosis in animal study (news - 2005)

http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=190#1 NOT SO DOPEY (news - 2005) <http://www.entheology.org/edoto/anmviewer.asp?a=221>

Marijuana Chemical Fights Hardened Arteries (news - 2005)

<http://www.webmd.com/heart-disease/news/20050406/marijuana-chemical-fights-hardened-arteries>

36

Does Cannabis Hold the Key to Treating Cardiometabolic Disease (full - 2006)

<http://www.nature.com/nrcardio/journal/v3/n3/full/npcardio0504.html>

Cannabinoid receptors in atherosclerosis. (abst – 2006)

<http://www.ncbi.nlm.nih.gov/pubmed/16960500>

Towards a therapeutic use of selective CB2 cannabinoid receptor ligands for atherosclerosis. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/19804131>

The Cannabinergic System as a Target for Anti-inflammatory Therapies (abst - 2006)

<http://www.ingentaconnect.com/content/ben/ctmc/2006/00000006/00000013/art00008>

Endocannabinoids and the haematological system (full - 2007)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190025/?tool=pmcentrez>

Cannabidiol attenuates high glucose-induced endothelial cell inflammatory response and barrier disruption (full - 2007) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2228254&tool=pmcentrez>

Cannabinoids and cardiovascular disease: the outlook for clinical treatments.

(abst - 2007)

<http://www.ncbi.nlm.nih.gov/pubmed/17627561?ordinalpos=1&itool=PPMCLayout.PPMCAAppController.PPMCArticlePage.PPMCPubmedRA&linkpos=5>

Cannabinoid receptors in acute and chronic complications of atherosclerosis (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219535/?tool=pmcentrez>

Pleiotropic effects of the CB2 cannabinoid receptor activation on human monocyte migration: implications for atherosclerosis and inflammatory diseases (full – 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2267750/?tool=pubmed>

CB2 cannabinoid receptor agonist JWH-015 modulates human monocyte migration

through defined intracellular signaling pathways. (full – 2008)

<http://ajpheart.physiology.org/content/294/3/H1145.long>

Cholesterol-induced stimulation of platelet aggregation is prevented by a hempseed- enriched diet. (abst - 2008) <http://www.ncbi.nlm.nih.gov/pubmed/18418423>

The emerging role of the endocannabinoid system in cardiovascular disease (full - 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2791499/?tool=pmcentrez>

Endocannabinoids and the Heart (full - 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2728560/?tool=pmcentrez>

Cannabidiol-2',6'-Dimethyl Ether, a Cannabidiol Derivative, Is a Highly Potent and Selective 15-Lipoxygenase Inhibitor. (abst - 2009) [http://www.unboundmedicine.com/medline/ebm/record/19406952/abstract/](http://www.unboundmedicine.com/medline/ebm/record/19406952/abstract/Cannabidiol_2%276%27_Dimethyl_Ether_a_Cannabidiol_Derivative_Is_a_Highly_Potent_and_Selective_15_Lipoxygenase_Inhibitor)

[Cannabidiol_2%276%27_Dimethyl_Ether_a_Cannabidiol_Derivative_Is_a_Highly_Potent_and_Selective_15_Lipoxygenase_Inhibitor](http://www.unboundmedicine.com/medline/ebm/record/19406952/abstract/Cannabidiol_2%276%27_Dimethyl_Ether_a_Cannabidiol_Derivative_Is_a_Highly_Potent_and_Selective_15_Lipoxygenase_Inhibitor)

[Cannabidiol_2%276%27_Dimethyl_Ether_a_Cannabidiol_Derivative_Is_a_Highly_Potent_and_Selective_15_Lipoxygenase_Inhibitor](http://www.unboundmedicine.com/medline/ebm/record/19406952/abstract/Cannabidiol_2%276%27_Dimethyl_Ether_a_Cannabidiol_Derivative_Is_a_Highly_Potent_and_Selective_15_Lipoxygenase_Inhibitor)

[Cannabidiol_2%276%27_Dimethyl_Ether_a_Cannabidiol_Derivative_Is_a_Highly_Potent_and_Selective_15_Lipoxygenase_Inhibitor](http://www.unboundmedicine.com/medline/ebm/record/19406952/abstract/Cannabidiol_2%276%27_Dimethyl_Ether_a_Cannabidiol_Derivative_Is_a_Highly_Potent_and_Selective_15_Lipoxygenase_Inhibitor)

[Cannabinoids and atherosclerosis. \(abst - 2009\) http://www.unboundmedicine.com/medline/ebm/record/19591373/abstract/](http://www.unboundmedicine.com/medline/ebm/record/19591373/abstract/Cannabinoids_and_atherosclerosis)

[Cannabinoids_and_atherosclerosis](http://www.unboundmedicine.com/medline/ebm/record/19591373/abstract/Cannabinoids_and_atherosclerosis) US Patent Application 20100158973 -

THERAPEUTIC USES OF CANNABIDIOL COMPOUNDS (full – 2010) <http://www.patentstorm.us/applications/20100158973/fulltext.html>
WIN55212-2 ameliorates atherosclerosis associated with suppression of pro-inflammatory responses in ApoE-knockout mice. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20868672> Cannabinoid receptor 2 signaling does not modulate atherogenesis in mice (full – 2011) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3082575/?tool=pubmed>

Cannabinoid Receptor 2 Deficiency in Haematopoietic cells Aggravates Early Atherosclerosis in LDL Receptor Deficient Mice. (full – 2011) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3109635/?tool=pubmed>
Atheroprotection via cannabinoid receptor-2 is mediated by circulating and vascular cells in vivo. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21884703>

The effect of dietary hempseed on atherogenesis and contractile function in aortae from hypercholesterolemic rabbits. (abst -2011) <http://www.ncbi.nlm.nih.gov/pubmed/21893466>

AUTISM

THE SAM PROJECT: James D. (news / anecdotal - 2002)

37

http://www.letfreedomgrow.com/articles/james_d.htm

Medical marijuana: a valuable treatment for autism? (news / anecdotal - 2003)

http://www.autism.com/ari/editorials/ed_marijuana.htm

Variations in the human cannabinoid receptor (CNR1) gene modulate striatal responses to happy faces. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16623851>

Autism, ADD, ADHD and Marijuana Therapy (news - 2008)

<http://www.entheology.org/edoto/anmviewer.asp?a=319>

Does marijuana replace pharmaceuticals as a treatment for Autism?
(news – 2009)

<http://www.examiner.com/special-needs-kids-in-st-petersburg/does-marijuana-replace-pharmaceuticals-as-a-treatment-for-autism>

Sam's Story: Using Medical Cannabis to Treat Autism Spectrum Disorder (news / anecdotal - 2009) <http://www.letfreedomgrow.com/cmu/SamsStory.htm>

Mom: Medical marijuana saved son's life (news / anecdotal - 2009)

<http://abclocal.go.com/kabc/story?section=news/health&id=6989085>

The ultimate herbal remedy: Can cannabis improve autism? (news / anecdotal - 2009)

<http://www.independent.co.uk/life-style/health-and-families/features/the-ultimate-herbal-remedy-can-cannabis-improve-autism-1814756.html>

Sam's Story: Medical Marijuana and Autism (news / anecdotal - 2009) <http://www.ktla.com/news/landing/ktla-sweeps-sams-story,0,1396115.story>

Use of dronabinol (delta-9-THC) in autism: A prospective single-case-study with an early infantile autistic child (full – 2010) http://www.cannabis-med.org/data/pdf/en_2010_04_1.pdf

Can autism be triggered by acetaminophen activation of the endocannabinoid system? (link to full – 2010) <http://www.ane.pl/showarticle.php?art=7026>

Steamboat mom sees results from giving autistic son medical marijuana (news/ anecdotal - 2010) <http://www.steamboatpilot.com/news/2010/oct/31/steamboat-mom-sees-results-giving-autistic-son-med/>

Why I Give My Autistic Son Pot, Part1 (news – 2010) <http://www.doublex.com/section/health-science/why-i-give-my-9-year-old-pot>

Why I Give My Autistic Son Pot, Part2 (news – 2010) <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/> Variation in the human Cannabinoid Receptor (CNR1) gene

modulates gaze duration for happy faces. (full – 2011) <http://www.molecularautism.com/content/pdf/2040-2392-2-10.pdf> Consequences of

cannabinoid and monoaminergic system disruption in a mouse model of autism spectrum disorders. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21886592>

Cannabis Science And The Unconventional Foundation For Autism (UF4A) Partner To Advance Successful Cannabis-Based Autism Treatments (news/info-mercial - 2011) <http://www.medicalnewstoday.com/releases/219569.php>

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

Wayne Valley alum making a difference in autism research (news – 2011) http://www.northjersey.com/news/119379944_Wayne_Valley_alum_making_a_difference_in_autism_research.html

38

Teil B - Indikationen mit dem Buchstaben " B " beginnend

BACK PAIN - also see PAIN, SPASTICITY, SPINAL CORD INJURY
BACK PAIN DUE TO DEGENERATED DISC –ANY THERAPEUTIC
ROLE OF CANNABIS (abst - 2005)

http://proceedings.jbjs.org.uk/cgi/content/abstract/90-B/SUPP_II/224-d?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT

39

Investigational pharmacology for low back pain (full - 2010) `

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3004649/?tool=pmcentrez>

BETA-CARYOPHYLLENE/ (E)-BCP – phytocannabinoid, CB2 agonist Beta-caryophyllene is a dietary cannabinoid (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2449371/?tool=pmcentrez>

Anti-inflammatory cannabinoids in diet (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2633791/?tool=pmcentrez>

Cannabinoids, Endocannabinoids, and Related Analogs in Inflammation

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2664885/?tool=pmcentrez>

(full - 2009)

Screening for Antiviral Activities of Isolated Compounds from Essential Oils

(full - 2009) [http://ecam.oxfordjournals.org/cgi/content/full/nep187v1?](http://ecam.oxfordjournals.org/cgi/content/full/nep187v1?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=Beta-caryophyllene+&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

[maxtoshow=&hits=10&RESULTFORMAT=&fulltext=Beta-](http://ecam.oxfordjournals.org/cgi/content/full/nep187v1?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=Beta-caryophyllene+&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

[caryophyllene+&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT](http://ecam.oxfordjournals.org/cgi/content/full/nep187v1?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=Beta-caryophyllene+&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

β -Caryophyllene inhibits dextran sulfate sodium-induced colitis in mice through CB2 receptor activation and PPAR γ pathway. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21356367>

BIPOLAR DISORDER

The Use of Cannabis as a Mood Stabilizer in Bipolar Disorder: Anecdotal Evidence and the Need for Clinical Research (full - 1998)

<http://www.ukcia.org/research/>

[TheUseofCannabisasaMoodStabilizerinBipolarDisorder.html](http://www.ukcia.org/research/TheUseofCannabisasaMoodStabilizerinBipolarDisorder.html)

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

Cannabinoids in bipolar affective disorder: a review and discussion of their therapeutic potential. (full - 2005) [http://www.ukcia.org/research/](http://www.ukcia.org/research/CannabinoidsInBipolarAffectiveDisorder.pdf)

[CannabinoidsInBipolarAffectiveDisorder.pdf](http://www.ukcia.org/research/CannabinoidsInBipolarAffectiveDisorder.pdf) Cannabis in bipolar (abst - 2005)

<http://www.pendulum.org/bpnews/archive/001628.html> Cannabis Spray for

Bipolar (news - 2005)

<http://www.prohealth.com/me-cfs/blog/boardDetail.cfm?id=565511>

Marijuana Could Provide Mental Health Treatments (news - 2005) [http://](http://www.drugfree.org/join-together/drugs/marijuana-could-provide)

www.drugfree.org/join-together/drugs/marijuana-could-provide

Chemicals in Cannabis may help mentally ill (news - 2005) [http://](http://www.news-medical.net/news/2005/06/06/10716.aspx)

www.news-medical.net/news/2005/06/06/10716.aspx

Opposite relationships between cannabis use and neurocognitive functioning in bipolar disorder and schizophrenia. (abst - 2009)

http://www.unboundmedicine.com/medline/ebm/record/19891810/full_citation/Opposite_relationships_between_cannabis_use_and_neurocognitive_functioning_in_bipolar_disorder_and_schizophrenia

The effect of extreme marijuana use on the long-term course of bipolar I illness: a single case study. (abst - 2007)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=247

Genetic association between bipolar disorder and 524A>C (Leu133Ile) polymorphism of CNR2 gene, encoding for CB2 cannabinoid receptor. (abst - 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21658778>

BLADDER / URINARY FUNCTIONS

Comparative diuretic activity of delta9-tetrahydrocannabinol, cannabidiol, cannabinal and hydrochlorothiazide in the rat. (abst – 1977)

<http://www.ncbi.nlm.nih.gov/pubmed/849066>

Evidence for the presence of cannabinoid CB1 receptors in mouse urinary bladder (abst – 1996) <http://pharmgkb.org/pmid/8864542>

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>

40

Clinical investigation of delta-9-tetrahydrocannabinol (THC) as an alternative therapy for overactive bladders in spinal cord injury (SCI) patients. (abst - 2001) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=102

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>

An open-label pilot study of cannabis-based extracts for bladder dysfunction in advanced multiple sclerosis. (full - 2004) <http://www.ukcia.org/research/CBEForMSBladderDysfunction.pdf>

Therapy Insight: Bladder Dysfunction Associated With Multiple Sclerosis (full - 2005)

<http://www.medscape.com/viewarticle/515091>

Marijuana-Derived Drug Suppresses Bladder Overactivity And Irritation In Animal Models (news - 2005) <http://www.sciencedaily.com/releases/2005/09/050906080225.htm><http://www.sciencedaily.com/releases/2005/09/050906080225.htm>

Marijuana-Derived Drug Suppresses Bladder Pain In Animal Models (news - 2006)

<http://www.sciencedaily.com/releases/2006/05/060521103039.htm>

Effects of IP-751, ajulemic acid, on bladder overactivity induced by bladder irritation in rats. (abst - 2007) <http://www.ncbi.nlm.nih.gov/pubmed/17656248>

Cannabinoid receptor 2 is increased in acutely and chronically inflamed bladder of rats (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2592089/?tool=pmcentrez>

Distribution and function of cannabinoid receptors 1 and 2 in the rat, monkey and human bladder. (abst - 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19237169>

Incontinence (news - 2009) http://www.norml.org/index.cfm?Group_ID=7012

Functional role of cannabinoid receptors in urinary bladder (full - 2010)

[http://www.indianjurol.com/article.asp?issn=0970-](http://www.indianjurol.com/article.asp?issn=0970-1591;year=2010;volume=26;issue=1;spage=26;epage=35;aulast=Tyagi)

[1591;year=2010;volume=26;issue=1;spage=26;epage=35;aulast=Tyagi](http://www.indianjurol.com/article.asp?issn=0970-1591;year=2010;volume=26;issue=1;spage=26;epage=35;aulast=Tyagi)

Cannabinor, a selective cannabinoid-2 receptor agonist, improves bladder emptying in rats with partial urethral obstruction. (abst – 2010)

<http://www.unboundmedicine.com/medline/ebm/record/21168864/abstract/>

[Cannabinor_a_selective_cannab](http://www.unboundmedicine.com/medline/ebm/record/21168864/abstract/)

[inoid_2_receptor_agonist_improves_bladder_emptying_in_rats_with_partial_urethral_](http://www.unboundmedicine.com/medline/ebm/record/21168864/abstract/)

[obstruction_](#)

Effects of cannabior, a novel selective cannabinoid 2 receptor agonist, on bladder function in normal rats. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20207474>

www.ncbi.nlm.nih.gov/pubmed/20207474

Randomized controlled trial of Sativex to treat detrusor overactivity in multiple sclerosis. (abst – 2010) <http://www.cannabis-med.org/studies/>

[ww_en_db_study_show.php?s_id=314](http://www.cannabis-med.org/studies/)

Local activation of cannabinoid CB1 receptors in the urinary bladder reduces the inflammation-induced sensitization of bladder afferents. (full – 2011) <http://www.molecularpain.com/content/pdf/1744-8069-7-31.pdf>

Inhibitory Effect of Standardized Cannabis sativa Extract and Its Ingredient Cannabidiol on Rat and Human Bladder Contractility. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21310467>

Cannabinoids: potential targets for bladder dysfunction. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21290238>

Cannabinoid mediated diuresis in mice (abst – 2011) [http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/617.6?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=](http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/617.6?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourceType=HWCIT)
[date&resourceType =HWCIT](http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/617.6?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourceType=HWCIT)

BLEPHAROSPASM - also see MEIGE'S SYNDROME

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

Cannabinoid agonists in the treatment of blepharospasm--a case report study. (abst - 2004) <http://www.ncbi.nlm.nih.gov/pubmed/15159681>

BLOOD

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

41

Estrogen stimulates arachidonylethanolamide release from human endothelial cells and platelet activation (full – 2002) <http://bloodjournal.hematologylibrary.org/content/100/12/4040.full>

The Procoagulatory Effects of Delta-9-Tetrahydrocannabinol in Human Platelets

(full - 2004)

<http://www.anesthesia-analgesia.org/content/99/4/1127.full?maxtohtml=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=1280&resourcetype=HWCIT>

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=5e8ec5690352ba9f6b990355b2ed69b1d2e58a5b>

Anticoagulant Effects of a Cannabis Extract in an Obese Rat Model (abst - 2007) <http://marijuana.researchtoday.net/archive/4/4/736.htm>

Cholesterol-induced stimulation of platelet aggregation is prevented by a hempseed-enriched

diet. (abst - 2008) <http://www.ncbi.nlm.nih.gov/pubmed/18418423>

Circulating endocannabinoid concentrations during orthostatic stress (abst – 2009) www.ncbi.nlm.nih.gov/pubmed/19756829

Anandamide extends platelets survival through CB(1)-dependent Akt signaling. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/19936621>

Effect of Cannabis sativa on Hematological Indices in Rats and Men (full – 2011) <http://docsdrive.com/pdfs/ansinet/pjn/2011/313-316.pdf>

BLOOD PRESSURE

Reduction by Δ 9-tetrahydrocannabinol in the blood pressure of hypertensive rats bearing regenerated adrenal glands (full - 1973) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1776093/?page=1>

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

Effect of marijuana on intraocular and blood pressure in glaucoma (full - 1980)

<http://www.ukcia.org/research/EffectOnIntraocularAndBloodPressureInGlaucoma.php>

The cardiovascular and autonomic effects of repeated administration of delta-9- tetrahydrocannabinol to rhesus monkeys. (abst – 1981) <http://www.ncbi.nlm.nih.gov/pubmed/6257883>

Glaucoma, hypertension, and marijuana. (full - 1982) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2552967/?tool=pmcentrez&page=1>

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&RESULTFORMA>

T=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=2320&resourcetype=HWCIT
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?](http://jpet.aspetjournals.org/content/281/3/1030.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT)

[maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT](http://jpet.aspetjournals.org/content/281/3/1030.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT)

Body's 'cannabis' could hold blood pressure key (news - 1998)

<http://www.ukcia.org/research/blood-pressure.php>

Endocannabinoids and Vascular Function (full - 2000)

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

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>

Cardiovascular Effects of Cannabis (news- 2003) <http://www.idmu.co.uk/cannecardio.htm>

42

Endocannabinoids Acting at Cannabinoid-1 Receptors Regulate Cardiovascular Function in Hypertension (full - 2004) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2756479/?tool=pmcentrez>

Blood pressure regulation by endocannabinoids and their receptors

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2225528/?tool=pmcentrez>

Cardiovascular Pharmacology of Cannabinoids (full - 2005)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2228270/?tool=pmcentrez>

(full - 2005)

Influence of Anandamide, the Endogenous Agonist of Cannabinoid Receptors on the

Circulatory System (abst - 2005) <http://medical-journals.healia.com/doc/15928605/Influence-of-anandamide-the-endogenous-agonist-of-cannabinoid-receptors-on-the-circulatory-system>

Further Characterization of the Time-Dependent Vascular Effects of Δ^9 -Tetrahydrocannabinol (full - 2006) <http://jpet.aspetjournals.org/content/317/1/428.full>

The Cannabinoid Cb1 Receptor Antagonist Rimonabant Attenuates the Hypotensive Effect of Smoked Marijuana in Male Smokers. (full – 2006) <http://www.ahjonline.com/article/S0002-8703%2805%2901013-6/fulltext>
Lowering Of Blood Pressure Achieved Through Use Of Hashish-Like Drug (news - 2006) <http://www.sciencedaily.com/releases/2006/06/060620083025.htm>

Cannabis to lower blood pressure! (news - 2006)

<http://www.news-medical.net/news/2006/06/19/18517.aspx>

Marijuana may be Helpful in Lowering Blood Pressure (news – 2006)

<http://www.bio-medicine.org/medicine-news/Marijuana-may-be-Helpful-in-Lowering-Blood-Pressure-11460-1/>

The in vitro and in vivo cardiovascular effects of Δ^9 -tetrahydrocannabinol (THC) in rats made hypertensive by chronic inhibition of nitric oxide synthase. (full - 2007) <http://jpet.aspetjournals.org/content/321/2/663.full>

Characterization of the vasorelaxant mechanisms of the endocannabinoid anandamide in rat aorta (full – 2007)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190007/?tool=pubmed>

Cardiovascular effects of cannabinoids in conscious spontaneously hypertensive rats (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190006/?tool=pmcentrez> 2-Arachidonylglycerol ether and abnormal cannabidiol-induced vascular smooth muscle relaxation in rabbit pulmonary arteries via receptor-pertussis toxin sensitive G proteins-ERK1/2 signaling. (abst – 2007) <http://www.ncbi.nlm.nih.gov/pubmed/17292352> Endocannabinoids, blood pressure and the human heart. (full - 2008). <http://www3.interscience.wiley.com/cgi-bin/fulltext/119409853/HTMLSTART>

Modulation of the Endocannabinoid System in Cardiovascular Disease (full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2568884/?tool=pmcentrez>

Acute hypertension reveals depressor and vasodilator effects of cannabinoids in conscious rats (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2697765/?tool=pmcentrez>

Triphasic blood pressure responses to cannabinoids: do we understand the mechanism? (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/22022923>

Increased Blood Pressure Following Abrupt Cessation of Daily Cannabis Use. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21359104>

Cannabidiol as an emergent therapeutic strategy for lessening the impact of inflammation on oxidative stress. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21238581>

Low-volume binary drug therapy for the treatment of hypovolemia. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21330941>

BONES - see OSTEOPOROSIS

BONE MARROW

Cannabinoids stimulate fibroblastic colony formation by bone marrow cells indirectly via CB2 receptors. (abst – 2007) <http://www.ncbi.nlm.nih.gov/pubmed/17205329>

43

Endocannabinoids Are Expressed in Bone Marrow Stromal Niches and Play a Role in Interactions of Hematopoietic Stem and Progenitor Cells with the Bone Marrow Microenvironment (full – 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2975171/?tool=pubmed> Cannabinoid Receptor 2 Deficiency in Haematopoietic cells Aggravates Early Atherosclerosis in LDL Receptor Deficient Mice (full – 2011) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3109635/?tool=pubmed>

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> BOWEL DISORDERS - also see GERD, COLITIS,

MARIJUANA AND IRRITABLE BOWEL SYNDROME (IBS)
(anecdotal- no date) <http://www.rxmarihuana.com/christine.htm>

Effects of cannabidiol derivatives on intestinal motility (abst - no date)
<http://www.docstoc.com/docs/26071658/Effects-of-cannabidiol-derivatives-on-intestinal-motility->

Some actions of delta-1 tetrahydrocannabinol and cannabidiol at cholinergic junctions. (full – 1971) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1703324/pdf/brjpharm00552-0217.pdf>

The effect of cannabinoids on intestinal motility and their antinociceptive effect in mice (full - 1973) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1776598/?tool=pmcentrez&page=1>

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

<http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1946817&tool=pmcentrez>

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

Marijuana and Crohn's Disease (anecdotal - 1997)

<http://www.rxmarihuana.com/chrohns3.htm>

ANXIOLYTIC EFFECTS

How Cannabis Compares to other treatments (no date - 2008)

<http://dcsafeaccess.org/medical/how-cannabis-compares-to-other-treatments/>

Sedative activity of cannabis in relation to its delta'-trans-tetrahydrocannabinol and cannabidiol content. (full - 1981) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2071638/?tool=pmcentrez>

The efficacy and safety of nabilone (a synthetic cannabinoid) in the treatment of anxiety (abst - 1981)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=229&&search_pattern=ANXIOLYTIC.

Single-dose study of nabilone in anxious volunteers. (abst - 1981)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=236&&search_pattern=blood,pressure

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

<http://www.ncbi.nlm.nih.gov/pubmed/1969666>

Anxiety with Depression Research Review (full - 2000)

<http://www.ukcia.org/research/AnxietyWithDepressionResearchReview.pdf>

Therapeutic aspects of cannabis and cannabinoids. (full - 2001)

<http://bjp.rcpsych.org/cgi/content/full/178/2/107>

Cannabinoid effects on anxiety-related behaviours and hypothalamic neurotransmitters. (abst - 2001) <http://www.ncbi.nlm.nih.gov/pubmed/11566149>

Marijuana's Distant Relative May Be The Next Prozac; Chemical Reduces Anxiety Using Novel Nerve System In Body (news - 2002) <http://www.sciencedaily.com/releases/2002/12/021202071928.htm>

Context-dependent effects of CB1 cannabinoid gene disruption on anxiety-like and social behaviour in mice (abst – 2004)

<http://onlinelibrary.wiley.com/doi/10.1111/j.1460-9568.2004.03293.x/abstract;jsessionid=15C92BB3498FAF0EE40394675E8B1800.d01t01>

44

Marijuana Eyed for Treatment of Anxiety Disorders (news - 2004)

<http://www.drugfree.org/join-together/drugs/marijuana-eyed-for-treatment>

Cannabinoids promote embryonic and adult hippocampus neurogenesis and produce anxiolytic- and antidepressant-like effects (full - 2005)

<http://www.jci.org/cgi/content/full/115/11/3104>

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

Cannabidiol as an antipsychotic. A double-blind, controlled clinical trial on cannabidiol vs. amisulpride in acute schizophrenia. (abst - 2005)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=171

High-dose cannabis stimulates growth of brain cells in rats (news – 2005) <http://www.independent.co.uk/life-style/health-and-families/health-news/highdose-cannabis-stimulates-growth-of-brain-cells-in-rats-510869.html>

Marijuana might cause new cell growth in the brain (news – 2005)

<http://www.newscientist.com/article/dn8155>

Endocannabinoids -- The Brain's Cannabis -- Demonstrate Novel Modes Of Action To Stress (news - 2005) <http://www.sciencedaily.com/releases/>

[2005/07/050720065810.htm](http://www.jneurosci.org/cgi/content/full/26/25/6677?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=400&resourcetype=HWCIT)

Cannabinoid CB1 Receptor Mediates Fear Extinction via Habituation-Like Processes (full -

2006)

[http://www.jneurosci.org/cgi/content/full/26/25/6677?](http://www.jneurosci.org/cgi/content/full/26/25/6677?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=400&resourcetype=HWCIT)

[maxtoshow=&hits=80&RESULTFORMAT=&fullte](http://www.jneurosci.org/cgi/content/full/26/25/6677?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=400&resourcetype=HWCIT)

[xt=cannabinoid&searchid=1&FIRSTINDEX=400&resourcetype=HWCIT](http://www.jneurosci.org/cgi/content/full/26/25/6677?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=400&resourcetype=HWCIT) Delta-9-

tetrahydrocannabinol for nighttime agitation in severe dementia (full -

2006) <http://science.iowamedicalmarijuana.org/pdfs/neuro/Walther%202006.pdf>

Cannabidiol, a Cannabis sativa constituent, as an antipsychotic drug (full - 2006)

[http://www.scielo.br/scielo.php?](http://www.scielo.br/scielo.php?pid=S0100-879X2006000400001&script=sci_arttext#Text)

[pid=S0100-879X2006000400001&script=sci_arttext#Text](http://www.scielo.br/scielo.php?pid=S0100-879X2006000400001&script=sci_arttext#Text)

Anxiolytic-like effect of cannabidiol in the rat Vogel conflict test. (abst – 2006)

<http://www.ncbi.nlm.nih.gov/pubmed/16876926>

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

<http://www.ncbi.nlm.nih.gov/pubmed/16541083>

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 Fear and Anxiety by the Endogenous Cannabinoid

System (full - 2007) [http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2789283/?](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2789283/?tool=pmcentrez)

[tool=pmcentrez](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2789283/?tool=pmcentrez)

Cannabinoid Modulation of Amygdala Reactivity to Social Signals of Threat in Humans (full

- 2008)

[http://www.jneurosci.org/cgi/content/full/28/10/2313?](http://www.jneurosci.org/cgi/content/full/28/10/2313?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

[maxtoshow=&hits=80&RESULTFORMAT=&fullte](http://www.jneurosci.org/cgi/content/full/28/10/2313?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

[xt=cannabinoid&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT](http://www.jneurosci.org/cgi/content/full/28/10/2313?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

The association between anxiety and alcohol versus cannabis abuse disorders among adolescents in primary care settings (full - 2008) <http://fampra.oxfordjournals.org/cgi/content/full/25/5/321>

Endocannabinoids: Stress, Anxiety, and Fear (full - 2009)

[http://neuro.psychiatryonline.org/cgi/content/full/21/2/iv?](http://neuro.psychiatryonline.org/cgi/content/full/21/2/iv?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=1120&resourcetype=HWCIT)

[maxtoshow=&hits=80&RESULTFORMAT=&fu](http://neuro.psychiatryonline.org/cgi/content/full/21/2/iv?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=1120&resourcetype=HWCIT)

[lltext=cannabis&searchid=1&FIRSTINDEX=1120&resourcetype=HWCIT](http://neuro.psychiatryonline.org/cgi/content/full/21/2/iv?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=1120&resourcetype=HWCIT)

Effects of Δ^9 -tetrahydrocannabinol on reward and anxiety in rats exposed to chronic unpredictable stress. (abst - 2009) [http://](http://www.unboundmedicine.com/medline/ebm/record/19406854/abstract/Effects_of_%7BDelta%7D9_tetrahydrocannabinol_on_reward_and_anxiety_in_rats_exposed_to_chronic_unpredictable_stress)

[www.unboundmedicine.com/medline/ebm/record/19406854/abstract/](http://www.unboundmedicine.com/medline/ebm/record/19406854/abstract/Effects_of_%7BDelta%7D9_tetrahydrocannabinol_on_reward_and_anxiety_in_rats_exposed_to_chronic_unpredictable_stress)

[Effects_of_%7BDelta%7D9_tet](http://www.unboundmedicine.com/medline/ebm/record/19406854/abstract/Effects_of_%7BDelta%7D9_tetrahydrocannabinol_on_reward_and_anxiety_in_rats_exposed_to_chronic_unpredictable_stress)

[rahydrocannabinol_on_reward_and_anxiety_in_rats_exposed_to_chronic_unpredictabl](http://www.unboundmedicine.com/medline/ebm/record/19406854/abstract/Effects_of_%7BDelta%7D9_tetrahydrocannabinol_on_reward_and_anxiety_in_rats_exposed_to_chronic_unpredictable_stress)

[e_stress_](http://www.unboundmedicine.com/medline/ebm/record/19406854/abstract/Effects_of_%7BDelta%7D9_tetrahydrocannabinol_on_reward_and_anxiety_in_rats_exposed_to_chronic_unpredictable_stress) Modulation of effective connectivity during emotional processing by Δ^9 - tetrahydrocannabinol and cannabidiol. (abst - 2009) [http://](http://www.ncbi.nlm.nih.gov/pubmed/19775500?ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum)

[www.ncbi.nlm.nih.gov/pubmed/19775500?](http://www.ncbi.nlm.nih.gov/pubmed/19775500?ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum)

[ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pub](http://www.ncbi.nlm.nih.gov/pubmed/19775500?ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum)

[med_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum](http://www.ncbi.nlm.nih.gov/pubmed/19775500?ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum)

Opposite Effects of Δ^9 -Tetrahydrocannabinol and Cannabidiol on Human Brain Function and Psychopathology. (abst - 2009)

45

[http://www.unboundmedicine.com/medline/ebm/record/19924114/full_citation/](http://www.unboundmedicine.com/medline/ebm/record/19924114/full_citation/Opposite_Effects_of_Delta_9_Tetrahydrocannabinol_and_Cannabidiol_on_Human_Brain_Function_and_Psychopathology)

[Opposite_Effects_of_Delta](http://www.unboundmedicine.com/medline/ebm/record/19924114/full_citation/Opposite_Effects_of_Delta_9_Tetrahydrocannabinol_and_Cannabidiol_on_Human_Brain_Function_and_Psychopathology)

[_9_Tetrahydrocannabinol_and_Cannabidiol_on_Human_Brain_Function_and_Psychopathology_](http://www.unboundmedicine.com/medline/ebm/record/19924114/full_citation/Opposite_Effects_of_Delta_9_Tetrahydrocannabinol_and_Cannabidiol_on_Human_Brain_Function_and_Psychopathology) Cannabidiol reverses the reduction in social interaction produced by low dose Δ^9 - tetrahydrocannabinol in rats. (abst – 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19393686> Brain CB2 Receptors: Implications for Neuropsychiatric Disorders (full – 2010) [http://](http://www.mdpi.com/1424-8247/3/8/2517/pdf)

<http://www.ncbi.nlm.nih.gov/pubmed/19393686> Brain CB2 Receptors:

Implications for Neuropsychiatric Disorders (full – 2010) [http://](http://www.mdpi.com/1424-8247/3/8/2517/pdf)

www.mdpi.com/1424-8247/3/8/2517/pdf

www.mdpi.com/1424-8247/3/8/2517/pdf

Neural basis of anxiolytic effects of cannabidiol (CBD) in generalized social anxiety disorder: a preliminary report. (abst - 2010) <http://>

www.ncbi.nlm.nih.gov/pubmed/20829306

Cannabinoids and anxiety. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/21309120>

A behavioural comparison of acute and chronic Delta9-tetrahydrocannabinol and cannabidiol

in C57BL/6J Arc mice. (abst – 2010)

<http://www.unboundmedicine.com/medline/ebm/record/19785914/abstract/>

[A_behavioural_comparison_of_acute_and_chronic_Delta9_tetrahydrocannabinol_and_cannabidiol_in_C57BL/6J_Arc_mice_](http://www.unboundmedicine.com/medline/ebm/record/19785914/abstract/A_behavioural_comparison_of_acute_and_chronic_Delta9_tetrahydrocannabinol_and_cannabidiol_in_C57BL/6J_Arc_mice_)

Intra-dorsal periaqueductal gray administration of cannabidiol blocks panic-like response by activating 5-HT_{1A} receptors. (abst – 2010) <http://www.unboundmedicine.com/medline/ebm/record/20457188/abstract/>

[Intra_dorsal_periaqueductal_gr](http://www.unboundmedicine.com/medline/ebm/record/20457188/abstract/)

[ay_administration_of_cannabidiol_blocks_panic_like_response_by_activating_5-HT1A_receptors_](http://www.unboundmedicine.com/medline/ebm/record/20457188/abstract/) Pharmacological exploitation of the endocannabinoid

system: new perspectives for the treatment of depression and anxiety

disorders? (abst – 2010) [http://www.unboundmedicine.com/medline/ebm/record/](http://www.unboundmedicine.com/medline/ebm/record/20512266/abstract/%5BPharmacological_exploitat)

[20512266/abstract/%5BPharmacological_exploitat](http://www.unboundmedicine.com/medline/ebm/record/20512266/abstract/%5BPharmacological_exploitat)

[ion_of_the_endocannabinoid_system:_new_perspectives_for_the_treatment_of_depres](http://www.unboundmedicine.com/medline/ebm/record/20512266/abstract/%5BPharmacological_exploitat)
[sion_and_anxiety_disorders%5D_](http://www.unboundmedicine.com/medline/ebm/record/20512266/abstract/%5BPharmacological_exploitat)

Cannabinoids prevent the development of behavioral and endocrine alterations in a rat model of intense stress. (full – 2011) [http://](http://www.nature.com/npp/journal/v37/n2/full/npp2011204a.html)

www.nature.com/npp/journal/v37/n2/full/npp2011204a.html Cannabidiol reduces

the anxiety induced by simulated public speaking in treatment-naïve

social phobia patients. (abst – 2011) [http://www.ncbi.nlm.nih.gov/pubmed/](http://www.ncbi.nlm.nih.gov/pubmed/21307846)

[21307846](http://www.ncbi.nlm.nih.gov/pubmed/21307846)

Effects of intracisternal administration of cannabidiol on the cardiovascular and behavioral responses to acute restraint stress. (abst –

2011) <http://www.ncbi.nlm.nih.gov/pubmed/21771609>

Cannabinoids and emotionality: a neuroanatomical perspective. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21827834>

Effect of cannabidiol on sleep disruption induced by the repeated combination tests consisting of open field and elevated plus-maze in rats. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21867717>

Anti-Aversive Effects of Cannabidiol on Innate Fear-Induced Behaviors Evoked by an Ethological Model of Panic Attacks Based on a Prey vs the Wild Snake *Epicrates cenchria crassus* Confrontation Paradigm. (abst - 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21918503> Neural basis of anxiolytic effects of cannabidiol (CBD) in generalized social anxiety disorder: a preliminary report. (abst – 2011) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=315

Inhibition of endocannabinoid catabolic enzymes elicits anxiolytic-like effects in the marble

burying assay. (abst – 2011)

<http://www.unboundmedicine.com/medline/ebm/record/21145341/abstract/>

[Inhibition_of_endocannabinoid](#)

[_catabolic_enzymes_elicits_anxiolytic_like_effects_in_the_marble_burying_assay_](#)

Opposing Roles for Cannabinoid Receptor Type-1 (CB(1)) and Transient Receptor Potential Vanilloid Type-1 Channel (TRPV1) on the

Modulation of Panic-Like Responses in Rats. (abst – 2012) [http://](http://www.ncbi.nlm.nih.gov/pubmed/21937980)

www.ncbi.nlm.nih.gov/pubmed/21937980

APPETITE STIMULANT also see TASTE, OBESITY

Factors influencing the aggressiveness elicited by marijuana in food-deprived rats

(full - 1972) [http://www.pubmedcentral.nih.gov/articlerender.fcgi?](http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1666002&tool=pmcentrez)

[artid=1666002&tool=pmcentrez](http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1666002&tool=pmcentrez) Marijuana use. Biologic and behavioral aspects. (abst – 1976) <http://www.ncbi.nlm.nih.gov/pubmed/981073>

Anorexia and hyperphagia produced by five pharmacologic classes of hallucinogens. (abst – 1982) <http://www.ncbi.nlm.nih.gov/pubmed/6292959>

Behavioral analysis of marijuana effects on food intake in humans. (abst - 1986)

46

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=118

Effects of smoked marijuana on food intake and body weight of humans living in a residential laboratory. (abst - 1988) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=117

Dronabinol enhancement of appetite in cancer patients. (abst - 1990)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=149

Recent clinical experience with dronabinol. (abst - 1991)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=90

Dronabinol stimulates appetite and causes weight gain in HIV patients.

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=20

(abst - 1992)

Dronabinol effects on weight in patients with HIV infection. (abst -

1992) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=45

Effect of dronabinol on nutritional status in HIV infection. (abst - 1993)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=150

A phase II study of delta-9-tetrahydrocannabinol for appetite stimulation in cancer- associated anorexia. (abst - 1994) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=52

Cannabinoids and appetite stimulation. (abst – 1994)

<http://www.ncbi.nlm.nih.gov/pubmed/7816872>

Dronabinol as a treatment for anorexia associated with weight loss in patients with AIDS. (abst - 1995) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=21

The perceived effects of smoked cannabis on patients with multiple sclerosis.

(abst - 1997) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=13

Effects of dronabinol on anorexia and disturbed behavior in patients

with Alzheimer's disease (abst - 1997) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=59

Immunoactive cannabinoids: Therapeutic prospects for marijuana constituents

(full - 2000) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=34030&tool=pmcentrez>

Low dose anandamide affects food intake, cognitive function, neurotransmitter and corticosterone levels in diet-restricted mice. (abst – 2000) <http://www.ncbi.nlm.nih.gov/pubmed/10762668>

Dietary intake and nutritional status of US adult marijuana users: results from the Third National Health and Nutrition Examination Survey. (full – 2001) http://journals.cambridge.org/action/displayFulltext?type=6&fid=626876&jid=PHN&volumeId=4&issueId=03&aid=562676&bodyId=&membershipNumber=&societyETOCSession=&fulltextType=RA&fileId=S1_368980001000738

Neuroprotection by Delta 9-Tetrahydrocannabinol, the Main Active Compound in Marijuana, against Ouabain-Induced In Vivo Excitotoxicity (full - 2001) <http://www.jneurosci.org/cgi/content/full/21/17/6475?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=cannabis&andorexactfulltext=and&searchid=1&FIRSTINDEX=50&sortspec=relevance&resourcetype=HWCIT>

Anandamide administration into the ventromedial hypothalamus stimulates appetite in rats (full - 2001) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1573067/?tool=pmcentrez>

Therapeutic Aspects of Cannabis and Cannabinoids (full - 2001) <http://bjp.rcpsych.org/cgi/reprint/178/2/107.pdf>

Leptin-regulated endocannabinoids are involved in maintaining food intake (letter – 2001) <http://www.nature.com/nature/journal/v410/n6830/full/410822a0.html>

Attack of the munchies (news - 2001) <http://www.newscientist.com/article/dn617-attack-of-the-munchies.html>

Scientists crack 'munchies' mystery (news - 2001) <http://news.bbc.co.uk/2/hi/science/nature/1271718.stm>

A Peripheral Mechanism for CB1 Cannabinoid Receptor-Dependent Modulation of Feeding (full - 2002) http://www.jneurosci.org/cgi/content/abstract/22/21/9612?ijkey=328b5e83d7be9297b9483d22e0d6319fa0a862e8&keytype2=tf_ipsecsha

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>

The endogenous cannabinoid system affects energy balance via central orexigenic drive and peripheral lipogenesis (full - 2003) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC166293/> Endogenous cannabinoid system as a modulator of food intake. (full - 2003) <http://www.nature.com/ijo/journal/v27/n3/full/0802250a.html>

The cannabinoid system: a role in both the homeostatic and hedonic control of eating? (full – 2003)

http://journals.cambridge.org/download.php?file=%2FBJN%2FBJN90_04%2FS000711450300179Xa.pdf&code=62ffe5c7ad41131e6dc05fe2f918880a

Safety and efficacy of dronabinol in the treatment of agitation in patients with Alzheimer's disease with anorexia: A retrospective chart review (abst - 2003) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=61

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>

Milk intake and survival in newborn cannabinoid CB1 receptor knockout mice: evidence for a "CB3" receptor. (abst – 2003) <http://www.ncbi.nlm.nih.gov/pubmed/12568912>

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>

Endocannabinoids: Getting the message across (full - 2004)

<http://www.pnas.org/content/101/23/8512.full?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoids&searchid=1&FIRSTINDEX=2880&resourcetype=HWCIT>

Very low doses of delta 8-THC increase food consumption and alter

neurotransmitter levels following weight loss. (abst – 2004) <http://www.ncbi.nlm.nih.gov/pubmed/15099912>

Overeating, Alcohol and Sucrose Consumption Decrease in Cb1 Receptor Deleted Mice. (abst – 2004) <http://medical-journals.healia.com/doc/12770700/Overeating-alcohol-and-sucrose-consumption-decrease-in-CB1-receptor-deleted-mice>

Endocannabinoids and food intake: newborn suckling and appetite regulation in adulthood. (full - 2005) <http://ebm.rsmjournals.com/cgi/content/full/230/4/225>

Food for thought: endocannabinoid modulation of lipogenesis (full - 2005)

<http://www.jci.org/articles/view/25076/version/1>

Endocannabinoids in the Regulation of Appetite and Body Weight. (abst - 2005)

<http://medical-journals.healia.com/doc/16148436/Endocannabinoids-in-the-regulation-of-appetite-and-body-weight>

Cannabinoids augment the release of neuropeptide Y in the rat hypothalamus (abst – 2005) <http://www.sciencedirect.com/science/article/pii/S0028390805001668>

Effects of the endocannabinoid noladin ether on body weight, food consumption, locomotor activity, and cognitive index in mice. (abst – 2005) <http://www.ncbi.nlm.nih.gov/pubmed/15763177>

THC effective in appetite and weight loss in severe lung disease (COPD)

http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=191#2

Machinery Of The 'Marijuana Munchies' (news - 2005)

<http://www.sciencedaily.com/releases/2005/12/051226102503.htm>

(news - 2005)

Comparison of orally administered cannabis extract and delta-9-

tetrahydrocannabinol in treating patients with cancer-related anorexia-cachexia syndrome: a multicenter, phase III, randomized, double-blind, placebo-controlled clinical trial from the Cannabis-In- Cachexia- Study-Group (full - 2006) <http://jco.ascopubs.org/content/24/21/3394.long>
Effect of a cannabinoid agonist on gastrointestinal transit and postprandial satiation in healthy human subjects: a randomized, placebo-controlled study (abst - 2006)

<http://cel.isiknowledge.com/InboundService.do?product=CEL&action=retrieve&SrcApp=Highwire&UT=000239661000005&SID=2BiIeEJCIN8n7IfjpEB&Init=Yes&SrcAuth=Highwire&mode=FullRecord&customersID=Highwire>

48

Lack of tolerance to the suppressing effect of rimonabant on chocolate intake in rats. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16491428>
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 Methods evaluating cannabinoid and endocannabinoid effects on gastrointestinal functions. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16506408>

Dronabinol for supportive therapy in patients with malignant melanoma and liver metastases (abst - 2006)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=180

The endogenous cannabinoid system: a new player in the brain-gut-adipose axis (full - 2007) http://www.cannabis-med.org/english/journal/en_2007_02_1.pdf

CANNABINOID-INDUCED HYPERPHAGIA: CORRELATION WITH INHIBITION OF PROOPIOMELANOCORTIN NEURONS? (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2720321/?tool=pmcentrez>

Endocannabinoid hedonic hotspot for sensory pleasure: anandamide in nucleus accumbens shell enhances 'liking' of a sweet reward. (full – 2007) <http://www.nature.com/npp/journal/v32/n11/full/1301376a.html>

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>
Dronabinol an effective appetite stimulant? (abst - 2007) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=188

THC improves appetite and reverses weight loss in AIDS patients (abst - 2007)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=189

Efficacy of dronabinol alone and in combination with ondansetron versus ondansetron alone for delayed chemotherapy-induced nausea and vomiting. (abst - 2007) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=191

Dronabinol and marijuana in HIV-positive marijuana smokers: caloric intake, mood, and sleep. (abst - 2007) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=190

Feeding induced by cannabinoids is mediated independently of the melanocortin system. (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2386290/?tool=pubmed>

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

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 role of endocannabinoids in the regulation of gastric emptying: alterations in mice fed a high-fat diet. (full – 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2275439/?tool=pubmed>

ENDOCANNABINOIDS AND THE NEUROCHEMISTRY OF GLUTTONY. (abst - 2008)

<http://www.ncbi.nlm.nih.gov/pubmed/18638022>

Behavioral effects of CB2 cannabinoid receptor activation and its influence on food and alcohol consumption. (abst - 2008) <http://www.ncbi.nlm.nih.gov/pubmed/18991890>

Role of endocannabinoids and their analogues in obesity and eating disorders. (abst – 2008)

<http://www.ncbi.nlm.nih.gov/pubmed/19011363>

Endocannabinoids and Their Receptors as Targets for Obesity Therapy (full - 2009)

<http://endo.endojournals.org/cgi/content/full/150/6/2531#top>

Synthetic and plant-derived cannabinoid receptor antagonists show hypophagic properties in fasted and non-fasted mice (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2697695/?tool=pubmed>

Endocannabinoids selectively enhance sweet taste (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2818929/?tool=pmcentrez>

Endogenous cannabinoid signalling and energy balance (abst – 2009)

<http://gradworks.umi.com/NR/44/NR44386.html>

49

Cannabinoids and appetite: food craving and food pleasure. (abst – 2009)

<http://www.ncbi.nlm.nih.gov/pubmed/19367510>

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

Natural Pot-Like Compound Could Fight Obesity (news - 2009)

<http://www.scientificamerican.com/podcast/episode.cfm?id=natural-pot-like-compound-could-fig-09-12-29>

Enhanced Sweet Taste: Endocannabinoids Act Directly on Tongue Taste Receptors (news - 2009) <http://www.sciencedaily.com/releases/2009/12/091222104920.htm>

Chemicals in pot stimulate tongue receptors to taste sweetness. (news - 2009)

<http://www.thefreelibrary.com/>

Chemicals+in+pot+stimulate+tongue+receptors+to+taste+sweetness.- a0215089160
The multiple functions of the endocannabinoid system: a focus on the regulation of food intake. (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2832623/?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>

Cannabis constituents modulate δ 9-tetrahydrocannabinol-induced hyperphagia in rats. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20349049>

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>

Cannabidiol Attenuates the Appetitive Effects of Δ 9-Tetrahydrocannabinol in Humans Smoking Their Chosen Cannabis (abst - 2010) <http://www.nature.com/npp/journal/vaop/ncurrent/abs/npp201058a.html>

Anandamide and AM251, via water, modulate food intake at central and peripheral level in fish. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/19800340>

A low- Δ 9tetrahydrocannabinol cannabis extract induces hyperphagia in rats. (abst – 2010)

<http://www.ncbi.nlm.nih.gov/pubmed/20975531>

Deficiency of CB2 cannabinoid receptor in mice improves insulin sensitivity but increases food intake and obesity with age. (abst – 2010) <http://www.springerlink.com/content/g037q1lh40l15161/>

Endocannabinoid Modulation Of Tongue Sweet Taste Receptors May Help Control Feeding Behavior (news – 2010) <http://www.medicalnewstoday.com/releases/174683.php> Delta-9-tetrahydrocannabinol may palliate altered chemosensory perception in cancer patients: results of a randomized, double-blind, placebo-controlled pilot trial

(full – 2011) <http://annonc.oxfordjournals.org/content/early/2011/02/11/annonc.mdq727.full>

Cannabidiol inhibits the hyperphagia induced by cannabinoid-1 or serotonin-1A receptor agonists. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21238476>

Cannabidiol decreases body weight gain in rats: Involvement of CB2 receptors. (abst - 2011) <http://marijuana.researchtoday.net/archive/8/1/3517.htm> Efficacy and tolerability of high-dose dronabinol maintenance in HIV-positive marijuana smokers: a controlled laboratory study. (abst – 2010) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=316

Science: Cannabis influences blood levels of appetite hormones in people with HIV (news – 2011) http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=363#2

Cannabis sativa and the endogenous cannabinoid system: therapeutic potential for appetite regulation. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21213357>

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> Cannabidiol potentiates $\Delta(9)$ -tetrahydrocannabinol (THC) behavioural effects and alters THC pharmacokinetics during acute and chronic treatment in adolescent rats. (abst - 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21667074>

Fish oil promotes survival and protects against cognitive decline in severely undernourished mice by normalizing satiety signals. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21109417>

Non- Δ^9 tetrahydrocannabinol phytocannabinoids stimulate feeding in rats. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/22157176>

Increment of hypothalamic 2-arachidonoylglycerol induces the preference for a high-fat diet via activation of cannabinoid 1 receptors (abst – 2011) http://www.unboundmedicine.com/medline/ebm/record/20817042/abstract/Increment_of_hypothalamic_2_arachidonoylglycerol_induces_the_preference_for_a_high_fat_diet_via_activation_of_cannabinoid_1_receptors

Cannabinoids in children (abst – 2011)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=295

Ingredient in cannabis restores taste for cancer patients (news – 2011)

http://news.yahoo.com/s/afp/20110222/hl_afp/healthdiseasecancerdrugscannabisfood

Cannabis Ingredient Can Help Cancer Patients Regain Their Appetites and Sense of Taste, Study Finds (news – 2011) <http://www.sciencedaily.com/releases/2011/02/110222192830.htm>

Study helps explain why fatty foods are complicit in weight gain (news - 2011)

<http://www.news-medical.net/news/20110705/Study-helps-explain-why-fatty-foods-are-complicit-in-weight-gain.aspx>

Endocannabinoid Signaling In Dietary Restriction And Lifespan Extension (news – 2011) <http://www.medicalnewstoday.com/releases/225007.php>

Father: Medical marijuana eased pain of my cancer-battling son

<http://www.komonews.com/news/local/120941429.html>

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

http://health.yahoo.net/news/s/nm/us_marijuana_obesity

ARACHIDONYL-2'-CHLOROETHYLAMIDE see ACEA 2-
ARACHIDONOYLGLYCEROL see 2-AG
(anecdotal – 2011)

ARTHRITIS

ANTI-EDEMA AND ANALGESIC PROPERTIES OF Δ^9 -
TETRAHYDROCANNABINOL (THC) (abst- 1973) [http://
jpet.aspetjournals.org/content/186/3/646.abstract?
maxtoshow=&hits=80&RESULTFORMAT=&fullt
ext=marihuana&searchid=1&FIRSTINDEX=2160&resourcetype=HWCIT](http://jpet.aspetjournals.org/content/186/3/646.abstract?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=2160&resourcetype=HWCIT)

Analgesic and antiinflammatory activity of constituents of Cannabis
sativa L. (full - 1988)

[http://www.ukcia.org/research/
AnalgesicAndAntiInflammatoryActivityofConstituents.html](http://www.ukcia.org/research/AnalgesicAndAntiInflammatoryActivityofConstituents.html)

US Patent 6132762 - Transcutaneous application of marijuana (full -
2000)

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

Immunoactive cannabinoids: Therapeutic prospects for marijuana
constituents

(full - 2000) [http://www.pubmedcentral.nih.gov/articlerender.fcgi?
artid=34030&tool=pmcentrez](http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=34030&tool=pmcentrez)

The nonpsychoactive cannabis constituent cannabidiol is an oral anti-
arthritic therapeutic in murine collagen-induced arthritis (full - 2000)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC16904/?tool=pubmed>

Marijuana Extract Helps Arthritis Pain (news - 2000) [http://
www.prohealth.com/library/showArticle.cfm?libid=552](http://www.prohealth.com/library/showArticle.cfm?libid=552)

Anandamide activates peripheral nociceptors in normal and arthritic rat
knee joints (full - 2001) [http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1572613/?
tool=pmcentrez](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1572613/?tool=pmcentrez) Cannabidiol-transdermal delivery and anti-inflammatory
effect in a murine model. (abst - 2003) [http://www.ncbi.nlm.nih.gov/pubmed/
14644587](http://www.ncbi.nlm.nih.gov/pubmed/14644587)

Cannabis May Suppress Immune System (news - 2003) <http://lupus.webmd.com/news/20030415/cannabis-may-suppress-immune-system>
A novel synthetic, nonpsychoactive cannabinoid acid (HU-320) with antiinflammatory

properties in murine collagen-induced arthritis. (full- 2004)

<http://onlinelibrary.wiley.com/doi/10.1002/art.20050/full>

51

Ajulemic acid (IP-751): Synthesis, proof of principle, toxicity studies, and clinical trials (abst - 2005) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2751505/?tool=pmcentrez>

Rheumatoid arthritis, Cannabis based medicine eases pain and suppresses disease (news - 2005) <http://www.medicalnewstoday.com/articles/33376.php>

Cannabis could relieve rheumatoid arthritis pain (news - 2005)

<http://www.independent.co.uk/life-style/health-and-families/health-news/cannabis-could-relieve-rheumatoid-arthritis-pain-514536.html>

Cannabis-Based Drug Relieves Arthritis Pain (news - 2005) <http://www.medpagetoday.com/Rheumatology/Arthritis/2097>

First study to use a cannabis-based medicine for treating rheumatoid arthritis (news - 2005)

<http://www.news-medical.net/news/2005/11/09/14393.aspx>

Pot-Based Drug Promising for Arthritis (news - 2005)

<http://www.webmd.com/rheumatoid-arthritis/news/20051108/pot-based-drug-promising-for-arthritis>

Preliminary assessment of the efficacy, tolerability and safety of a cannabis-based medicine

(Sativex) in the treatment of pain caused by rheumatoid arthritis (full - 2006)

[http://rheumatology.oxfordjournals.org/cgi/content/full/45/1/50?
maxtoshow=&hits=80&RESULTFORM](http://rheumatology.oxfordjournals.org/cgi/content/full/45/1/50?maxtoshow=&hits=80&RESULTFORM)

A

[T=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=2240&resourcetype=HWCIT](http://rheumatology.oxfordjournals.org/cgi/content/full/45/6/781)

The use of a cannabis-based medicine (Sativex) in the treatment of pain caused by rheumatoid arthritis (letter - 2006) [http://](http://rheumatology.oxfordjournals.org/cgi/content/full/45/6/781)

rheumatology.oxfordjournals.org/cgi/content/full/45/6/781

Arthritis and cannabinoids: HU-210 and Win-55,212-2 prevent IL-1alpha-induced matrix degradation in bovine articular chondrocytes in-vitro. (abst - 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16536902>

The Cannabinergic System as a Target for Anti-inflammatory Therapies (abst - 2006) [http://www.ingentaconnect.com/content/ben/ctmc/](http://www.ingentaconnect.com/content/ben/ctmc/2006/00000006/00000013/art00008)

[2006/00000006/00000013/art00008](http://www.ingentaconnect.com/content/ben/ctmc/2006/00000006/00000013/art00008)

SAFETY AND TOLERABILITY OF LONG-TERM TREATMENT WITH A CANNABIS- BASED MEDICINE (SATIVEX) IN PATIENTS WITH RHEUMATOID ARTHRITIS (abst - 2006)

[http://eular.bmj.com/cgi/content/abstract/65/Suppl_2/498- a?](http://eular.bmj.com/cgi/content/abstract/65/Suppl_2/498-a?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=1840)

[maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=1840](http://eular.bmj.com/cgi/content/abstract/65/Suppl_2/498-a?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=1840) &resourcetype=HWCIT

In vivo effects of CB2 receptor-selective cannabinoids on the vasculature of normal and arthritic rat knee joints (full - 2007) [http://](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219539/?tool=pmcentrez)

www.ncbi.nlm.nih.gov/pmc/articles/PMC2219539/?tool=pmcentrez

Arthritis and pain. Future targets to control osteoarthritis pain. (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2206352/?tool=pubmed>

INHIBITORY EFFECT OF CANNABINOID AGONISTS ON CYTOKINE PRODUCTION IN HUMAN OSTEOARTHRITIC AND RHEUMATOID FIBROBLAST-LIKE SYNOVIOCYTES (abst - 2007)

[http://eular.bmj.com/cgi/content/abstract/66/Suppl_2/283- b?](http://eular.bmj.com/cgi/content/abstract/66/Suppl_2/283-b?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320)

[maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320](http://eular.bmj.com/cgi/content/abstract/66/Suppl_2/283-b?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=320) & resourcetype=HWCIT

Suppression of fibroblast metalloproteinases by ajulemic acid, a nonpsychoactive cannabinoid acid. (abst - 2007) [http://](http://www.ncbi.nlm.nih.gov/pubmed/16927387)

www.ncbi.nlm.nih.gov/pubmed/16927387

The antinociceptive effect of Delta9-tetrahydrocannabinol in the arthritic rat involves the CB(2) cannabinoid receptor. (abst - 2007) [http://](http://www.unboundmedicine.com/medline/ebm/record/17588560/abstract/)

www.unboundmedicine.com/medline/ebm/record/17588560/abstract/

[The_antinociceptive_effect_of_](http://www.unboundmedicine.com/medline/ebm/record/17588560/abstract/)

[Delta9_tetrahydrocannabinol_in_the_arthritic_rat_involves_the_CB_2_cannabinoid_receptor](#)

Synergy between Delta(9)-tetrahydrocannabinol and morphine in the arthritic rat

(abst - 2007) http://www.unboundmedicine.com/medline/ebm/record/17498686/abstract/Synergy_between_Delta_9_tetrahydrocannabinol_and_morphine_in_the_arthritic_rat

Characterisation of the cannabinoid receptor system in synovial tissue and fluid in patients

with osteoarthritis and rheumatoid arthritis. (full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2453762/?tool=pubmed>

52

In vivo effects of CB2 receptor-selective cannabinoids on the vasculature of normal and arthritic rat knee joints (full - 2008) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2219539&tool=pmcentrez>

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

CB2 cannabinoid receptor agonist JWH-015 modulates human monocyte migration through defined intracellular signaling pathways. (full – 2008) <http://ajpheart.physiology.org/content/294/3/H1145.long>

How Cannabis Compares to other treatments (article - 2008) <http://dcsafeaccess.org/medical/how-cannabis-compares-to-other-treatments/>

Suppression of human macrophage interleukin-6 by a nonpsychoactive cannabinoid acid. (abst - 2008) <http://www.ncbi.nlm.nih.gov/sites/pubmed>

Ajulemic acid, a nonpsychoactive cannabinoid acid, suppresses osteoclastogenesis in mononuclear precursor cells and induces apoptosis in mature osteoclast-like cells. (abst - 2008) <http://www.ncbi.nlm.nih.gov/pubmed/17786950>

Anti-inflammatory compound from cannabis found in herbs (news - 2008)

<http://www.rsc.org/chemistryworld/News/2008/June/24060801.asp>

Ajulemic acid, a synthetic cannabinoid, increases formation of the endogenous proresolving

and anti-inflammatory eicosanoid, lipoxin A4 (full - 2009)

<http://www.fasebj.org/cgi/content/full/23/5/1503?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabis&searchid=1&FIRSTINDEX=2400&resourcetype=HWCIT>
Cannabinoids as novel anti-inflammatory drugs. (full - 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2828614/?tool=pubmed>

How Hemp Seed Oil Can Help Your Arthritis (news – 2009)

<http://www.thefreelibrary.com/How+Hemp+Seed+Oil+Can+Help+Your+Arthritis-a01074002477>

Tissue Engineering of Cartilage; Can Cannabinoids Help? (full – 2010)

<http://www.mdpi.com/1424-8247/3/9/2970/pdf>

Cannabinoid-induced apoptosis in immune cells as a pathway to immunosuppression. (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3005548/?tool=pubmed>

Tonic modulation of spinal hyperexcitability by the endocannabinoid receptor system in a rat model of osteoarthritis pain. (full – 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3132591/?tool=pubmed>

Local application of the endocannabinoid hydrolysis inhibitor URB597 reduces nociception in spontaneous and chemically induced models of osteoarthritis. (abst – 2010) http://www.unboundmedicine.com/medline/ebm/record/21185649/abstract/Local_application_of_the_endo_cannabinoid_hydrolysis_inhibitor_URB597_reduces_nociception_in_spontaneous_and_chemically_induced_models_of_osteoarthritis_

Paradoxical effects of the cannabinoid CB2 receptor agonist GW405833 on rat osteoarthritic knee joint pain. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20863899>

Cannabinoids for Treatment of Chronic Non-Cancer Pain; a Systematic

Review of Randomized Trials. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21426373>

Cannabidiol as an emergent therapeutic strategy for lessening the impact of inflammation on oxidative stress. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21238581>

The abnormal cannabidiol analogue O-1602 reduces nociception in a rat model of acute arthritis via the putative cannabinoid receptor GPR55. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21683763>

AS- 1535907 synthetic, GPR119 agonist

The role of small molecule GPR119 agonist, AS1535907, in glucose-stimulated insulin secretion and pancreatic β -cell function (full – 2010) <http://pubget.com/search?q=authors%3A%22Y%20Yonetoku%22>

Novel GPR119 agonist AS1535907 contributes to first-phase insulin secretion in rat

perfused pancreas and diabetic db/db mice. (abst – 2010)

<http://www.ncbi.nlm.nih.gov/pubmed/20937249>

53

AS-1907417 synthetic, GPR119 agonist

AS1907417, a novel GPR119 agonist, as an insulinotropic and β -cell preservative agent for the treatment of type 2 diabetes. (abst – 2010)

<http://www.ncbi.nlm.nih.gov/pubmed/20816753> ASTHMA - also see LUNG FUNCTION

Acute effects of smoked marijuana and oral delta-9-tetrahydrocannabinol on specific airway conductance in asthmatic subjects (full - 1974) <http://www.ukcia.org/research/SmokedAndOralInAsthmatic.php>

Effects of smoked marijuana in experimentally induced asthma. (full - 1975) <http://www.ukcia.org/research/InducedAsthma/index.php>

Bronchodilator effect of delta1-tetrahydrocannabinol administered by aerosol of asthmatic patients. (full - 1976) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC470501/?tool=pmcentrez&page=1> Bronchial effects of aerosolized

delta 9-tetrahydrocannabinol (abst - 1977) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=109

Bronchodilator effect of delta 1-tetrahydrocannabinol. (full - 1978) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1429361/>

Comparison of bronchial effects of nabilone and terbutaline (abst - 1983) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=43

Acute and subacute bronchial effects of oral cannabinoids. (abst - 1984) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=44

Role of prostaglandins in marijuana-induced bronchodilation. (abst – 1986) <http://www.ncbi.nlm.nih.gov/pubmed/3006196>

ANALGESIC AND ANTIINFLAMMATORY ACTIVITY OF CONSTITUENTS OF CANNABIS SATIVA L. (full - 1988)

<http://www.ukcia.org/research/>

[AnalgesicAndAntiInflammatoryActivityofConstituents.html](http://www.ukcia.org/research/AnalgesicAndAntiInflammatoryActivityofConstituents.html)

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

<http://pharmgkb.org/pmid/10575283>

Therapeutic aspects of cannabis and cannabinoids. (full - 2001)

<http://bjp.rcpsych.org/cgi/content/full/178/2/107>

Endogenous cannabinoid receptor agonists inhibit neurogenic inflammations in guinea pig airways. (abst – 2005) <http://www.ncbi.nlm.nih.gov/pubmed/16103691>

New Synthetic Delta-9-THC Inhaler Offers Safe, Rapid Delivery (news - 2005)

<http://www.medicalnewstoday.com/articles/22937.php>

The Cannabinergic System as a Target for Anti-inflammatory Therapies (abst - 2006)

<http://www.ingentaconnect.com/content/ben/ctmc/2006/00000006/00000013/art00008>

Cannabinoid CB(2) receptor activation prevents bronchoconstriction and airway oedema in a model of gastro-oesophageal reflux. (abst - 2007)
<http://www.ncbi.nlm.nih.gov/pubmed/17643417>

Cannabinoids as novel anti-inflammatory drugs. (full - 2009)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2828614/?tool=pubmed>

Cannabinoid-induced apoptosis in immune cells as a pathway to immunosuppression. (full - 2010) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3005548/?tool=pubmed>

Beneficial effects of cannabinoids (CB) in a murine model of allergen-induced airway

inflammation: Role of CB(1)/CB(2) receptors. (abst - 2010)

http://www.unboundmedicine.com/medline/ebm/record/21056512/abstract/Beneficial_effects_of_cannabinoids_CB_in_a_murine_model_of_allergen_induced_airway_inflammation:_Role_of_CB_1_/CB_2__receptors_

The cannabinoid receptor agonist WIN 55,212-2 inhibits antigen-induced plasma

extravasation in guinea pig airways. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20150748>

A THEROSCLEROSIS

Cardiovascular Effects of Cannabis (news - no date)

<http://www.idmu.co.uk/canncardio.htm>

54

Cannabinoids impair the formation of cholesteryl ester in cultured human cells. (full – 1981)

<http://atvb.ahajournals.org/cgi/reprint/1/6/449>

Low dose oral cannabinoid therapy reduces progression of atherosclerosis in mice. (full - 2005) <http://www.nature.com/nature/journal/v434/n7034/full/nature03389.html>

Cannabis compound tackles blood vessel disease (news - 2005)

<http://www.medicalnewstoday.com/articles/22658.php>

Medical marijuana: study shows that THC slows atherosclerosis (news - 2005)

http://thenexthurrah.typepad.com/the_next_hurrah/2005/04/medical_marijua.html

Science: THC slows development of atherosclerosis in animal study (news - 2005)

http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=190#1 NOT SO DOPEY (news - 2005) <http://www.entheology.org/edoto/anmviewer.asp?a=221>

Marijuana Chemical Fights Hardened Arteries (news - 2005)

<http://www.webmd.com/heart-disease/news/20050406/marijuana-chemical-fights-hardened-arteries>

Does Cannabis Hold the Key to Treating Cardiometabolic Disease (full - 2006)

<http://www.nature.com/nrcardio/journal/v3/n3/full/ncpcardio0504.html>

Cannabinoid receptors in atherosclerosis. (abst – 2006)

<http://www.ncbi.nlm.nih.gov/pubmed/16960500>

Towards a therapeutic use of selective CB2 cannabinoid receptor ligands for atherosclerosis. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/19804131>

The Cannabinergic System as a Target for Anti-inflammatory Therapies (abst - 2006)

<http://www.ingentaconnect.com/content/ben/ctmc/2006/00000006/00000013/art00008>

Endocannabinoids and the haematological system (full - 2007)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190025/?tool=pmcentrez>

Cannabidiol attenuates high glucose-induced endothelial cell inflammatory response and barrier disruption (full - 2007) <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2228254&tool=pmcentrez>

Cannabinoids and cardiovascular disease: the outlook for clinical treatments.

(abst - 2007)

<http://www.ncbi.nlm.nih.gov/pubmed/17627561?ordinalpos=1&itool=PPMCLayout.PPMCAAppController.PPMCArticlePage.PPMCPubmedRA&linkpos=5>

Cannabinoid receptors in acute and chronic complications of atherosclerosis (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2219535/?tool=pmcentrez>

Pleiotropic effects of the CB2 cannabinoid receptor activation on human monocyte migration: implications for atherosclerosis and inflammatory diseases (full – 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2267750/?tool=pubmed>

CB2 cannabinoid receptor agonist JWH-015 modulates human monocyte migration

through defined intracellular signaling pathways. (full – 2008)

<http://ajpheart.physiology.org/content/294/3/H1145.long>

Cholesterol-induced stimulation of platelet aggregation is prevented by a hempseed- enriched diet. (abst - 2008) <http://www.ncbi.nlm.nih.gov/pubmed/18418423>

The emerging role of the endocannabinoid system in cardiovascular disease (full - 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2791499/?tool=pmcentrez>

Endocannabinoids and the Heart (full - 2009)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2728560/?tool=pmcentrez>

Cannabidiol-2',6'-Dimethyl Ether, a Cannabidiol Derivative, Is a Highly Potent and Selective 15-Lipoxygenase Inhibitor. (abst - 2009) <http://www.unboundmedicine.com/medline/ebm/record/19406952/abstract/>

Cannabidiol_2%276%27_Dime

thyl_Ether_a_Cannabidiol_Derivative_Is_a_Highly_Potent_and_Selective_15_Lipoxygenase_Inhibitor_Cannabinoids and atherosclerosis. (abst - 2009) <http://www.unboundmedicine.com/medline/ebm/record/19591373/abstract/>

Cannabinoids_and_atherosclerosis_US Patent Application 20100158973 - THERAPEUTIC USES OF CANNABIDIOL COMPOUNDS (full – 2010) <http://www.patentstorm.us/applications/20100158973/fulltext.html>

WIN55212-2 ameliorates atherosclerosis associated with suppression of pro-inflammatory responses in ApoE-knockout mice. (abst – 2010) <http://www.ncbi.nlm.nih.gov/pubmed/20868672>

55

Cannabinoid receptor 2 signaling does not modulate atherogenesis in mice (full – 2011)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3082575/?tool=pubmed>

Cannabinoid Receptor 2 Deficiency in Haematopoietic cells Aggravates Early Atherosclerosis in LDL Receptor Deficient Mice. (full – 2011)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3109635/?tool=pubmed>

Atheroprotection via cannabinoid receptor-2 is mediated by circulating and vascular cells in vivo. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21884703>

The effect of dietary hempseed on atherogenesis and contractile function in aortae from hypercholesterolemic rabbits. (abst -2011) <http://www.ncbi.nlm.nih.gov/pubmed/21893466>

AUTISM

THE SAM PROJECT: James D. (news / anecdotal - 2002) http://www.letfreedomgrow.com/articles/james_d.htm

www.letfreedomgrow.com/articles/james_d.htm

Medical marijuana: a valuable treatment for autism? (news / anecdotal - 2003)

http://www.autism.com/ari/editorials/ed_marijuana.htm

Variations in the human cannabinoid receptor (CNR1) gene modulate striatal responses to happy faces. (abst – 2006) <http://www.ncbi.nlm.nih.gov/pubmed/16623851>

Autism, ADD, ADHD and Marijuana Therapy (news - 2008)

<http://www.entheology.org/edoto/anmviewer.asp?a=319>

Does marijuana replace pharmaceuticals as a treatment for Autism? (news – 2009)

<http://www.examiner.com/special-needs-kids-in-st-petersburg/does-marijuana-replace-pharmaceuticals-as-a-treatment-for-autism>

Sam's Story: Using Medical Cannabis to Treat Autism Spectrum Disorder (news / anecdotal - 2009) <http://www.letfreedomgrow.com/cmu/SamsStory.htm>

Mom: Medical marijuana saved son's life (news / anecdotal - 2009)

<http://abclocal.go.com/kabc/story?section=news/health&id=6989085>

The ultimate herbal remedy: Can cannabis improve autism? (news / anecdotal - 2009)

<http://www.independent.co.uk/life-style/health-and-families/features/the-ultimate-herbal-remedy-can-cannabis-improve-autism-1814756.html>

Sam's Story: Medical Marijuana and Autism (news / anecdotal - 2009) <http://www.ktla.com/news/landing/ktla-sweeps-sams-story,0,1396115.story>

Use of dronabinol (delta-9-THC) in autism: A prospective single-case-study with an early infantile autistic child (full – 2010) http://www.cannabis-med.org/data/pdf/en_2010_04_1.pdf

Can autism be triggered by acetaminophen activation of the endocannabinoid system? (link to full – 2010) <http://www.ane.pl/showarticle.php?art=7026>

Steamboat mom sees results from giving autistic son medical marijuana (news/ anecdotal - 2010) <http://www.steamboatpilot.com/news/2010/oct/31/>

[steamboat-mom-sees-results- giving-autistic-son-med/](#)

Why I Give My Autistic Son Pot, Part1 (news – 2010) <http://www.doublex.com/section/health-science/why-i-give-my-9-year-old-pot>

Why I Give My Autistic Son Pot, Part2 (news – 2010) <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/> Variation in the human Cannabinoid Receptor (CNR1) gene modulates gaze duration for happy faces. (full – 2011) <http://www.molecularautism.com/content/pdf/2040-2392-2-10.pdf>

Consequences of cannabinoid and monoaminergic system disruption in a mouse model of autism spectrum disorders. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21886592>

98

Cannabis Science And The Unconventional Foundation For Autism (UF4A) Partner To Advance Successful Cannabis-Based Autism Treatments (news/info-mercial - 2011) <http://www.medicalnewstoday.com/releases/219569.php>

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

Wayne Valley alum making a difference in autism research (news – 2011)

56

http://www.northjersey.com/news/119379944_Wayne_Valley_alum_making_a_difference_in_autism_research.html

BACK PAIN - also see PAIN, SPASTICITY, SPINAL CORD INJURY
BACK PAIN DUE TO DEGENERATED DISC –ANY THERAPEUTIC
ROLE OF

CANNABIS (abst - 2005)

http://proceedings.jbjs.org.uk/cgi/content/abstract/90-B/SUPP_II/224-d?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=marihuana&searchid=1&FIRSTINDEX=320&resourcetype=HWCIT

Investigational pharmacology for low back pain (full - 2010) ` <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3004649/?tool=pmcentrez> BETA-

CARYOPHYLLENE/ (E)-BCP – phytocannabinoid, CB2 agonist Beta-caryophyllene is a

dietary cannabinoid (full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2449371/?tool=pmcentrez>

Anti-inflammatory cannabinoids in diet (full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2633791/?tool=pmcentrez>

Cannabinoids, Endocannabinoids, and Related Analogs in Inflammation

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2664885/?tool=pmcentrez>

(full - 2009)

Screening for Antiviral Activities of Isolated Compounds from Essential Oils

(full - 2009) [http://ecam.oxfordjournals.org/cgi/content/full/nep187v1?](http://ecam.oxfordjournals.org/cgi/content/full/nep187v1?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=Beta-caryophyllene+&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

[maxtoshow=&hits=10&RESULTFORMAT=&fulltext=Beta-](http://ecam.oxfordjournals.org/cgi/content/full/nep187v1?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=Beta-caryophyllene+&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

[caryophyllene+&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT](http://ecam.oxfordjournals.org/cgi/content/full/nep187v1?maxtoshow=&hits=10&RESULTFORMAT=&fulltext=Beta-caryophyllene+&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT)

β-Caryophyllene inhibits dextran sulfate sodium-induced colitis in mice through CB2 receptor activation and PPAR γ pathway. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21356367>

BIPOLAR DISORDER

The Use of Cannabis as a Mood Stabilizer in Bipolar Disorder: Anecdotal Evidence and the Need for Clinical Research (full - 1998)

<http://www.ukcia.org/research/>

[TheUseofCannabisasaMoodStabilizerinBipolarDisorder.html](http://www.ukcia.org/research/TheUseofCannabisasaMoodStabilizerinBipolarDisorder.html)

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

Cannabinoids in bipolar affective disorder: a review and discussion of their therapeutic potential. (full - 2005) <http://www.ukcia.org/research/CannabinoidsInBipolarAffectiveDisorder.pdf>

Cannabis in bipolar (abst - 2005)

<http://www.pendulum.org/bpnews/archive/001628.html> Cannabis Spray for

Bipolar (news - 2005)

<http://www.prohealth.com/me-cfs/blog/boardDetail.cfm?id=565511>

Marijuana Could Provide Mental Health Treatments (news - 2005)

<http://www.drugfree.org/join-together/drugs/marijuana-could-provide>

Chemicals in Cannabis may help mentally ill (news - 2005)

<http://www.news-medical.net/news/2005/06/06/10716.aspx>

Opposite relationships between cannabis use and neurocognitive functioning in bipolar disorder and schizophrenia. (abst - 2009) http://www.unboundmedicine.com/medline/ebm/record/19891810/full_citation/

[Opposite_relationships_between_cannabis_use_and_neurocognitive_functioning_in_bipolar_disorder_and_schizophrenia_](http://www.unboundmedicine.com/medline/ebm/record/19891810/full_citation/Opposite_relationships_between_cannabis_use_and_neurocognitive_functioning_in_bipolar_disorder_and_schizophrenia_)

The effect of extreme marijuana use on the long-term course of bipolar I illness: a single case study. (abst - 2007)

http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=247

Genetic association between bipolar disorder and 524A>C (Leu133Ile) polymorphism of CNR2 gene, encoding for CB2 cannabinoid receptor. (abst - 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21658778>

BLADDER / URINARY FUNCTIONS

57

Comparative diuretic activity of delta9-tetrahydrocannabinol, cannabidiol, cannabinol and hydrochlorothiazide in the rat. (abst – 1977)

<http://www.ncbi.nlm.nih.gov/pubmed/849066>

Evidence for the presence of cannabinoid CB1 receptors in mouse urinary bladder (abst – 1996) <http://pharmgkb.org/pmid/8864542>

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>

Clinical investigation of delta-9-tetrahydrocannabinol (THC) as an

alternative therapy for overactive bladders in spinal cord injury (SCI) patients. (abst - 2001) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=102

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>

An open-label pilot study of cannabis-based extracts for bladder dysfunction in advanced multiple sclerosis. (full - 2004) <http://www.ukcia.org/research/CBEForMSBladderDysfunction.pdf>

Therapy Insight: Bladder Dysfunction Associated With Multiple Sclerosis (full - 2005)

<http://www.medscape.com/viewarticle/515091>

Marijuana-Derived Drug Suppresses Bladder Overactivity And Irritation In Animal Models (news - 2005) <http://www.sciencedaily.com/releases/2005/09/050906080225.htm><http://www.sciencedaily.com/releases/2005/09/050906080225.htm>

Marijuana-Derived Drug Suppresses Bladder Pain In Animal Models (news - 2006)

<http://www.sciencedaily.com/releases/2006/05/060521103039.htm>

Effects of IP-751, ajulemic acid, on bladder overactivity induced by bladder irritation in rats. (abst - 2007) <http://www.ncbi.nlm.nih.gov/pubmed/17656248>

Cannabinoid receptor 2 is increased in acutely and chronically inflamed bladder of rats (full - 2008) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2592089/?tool=pmcentrez>

Distribution and function of cannabinoid receptors 1 and 2 in the rat, monkey and human bladder. (abst - 2009) <http://www.ncbi.nlm.nih.gov/pubmed/19237169>

Incontinence (news - 2009) http://www.norml.org/index.cfm?Group_ID=7012
Functional role of cannabinoid receptors in urinary bladder (full - 2010)

[http://www.indianjurol.com/article.asp?issn=0970-](http://www.indianjurol.com/article.asp?issn=0970-1591;year=2010;volume=26;issue=1;spage=26;epage=35;aulast=Tyagi)

[1591;year=2010;volume=26;issue=1;spage=26;epage=35;aulast=Tyagi](http://www.indianjurol.com/article.asp?issn=0970-1591;year=2010;volume=26;issue=1;spage=26;epage=35;aulast=Tyagi)

Cannabinor, a selective cannabinoid-2 receptor agonist, improves bladder emptying in rats with partial urethral obstruction. (abst – 2010)

<http://www.unboundmedicine.com/medline/ebm/record/21168864/abstract/>

[Cannabinor_a_selective_cannab](http://www.unboundmedicine.com/medline/ebm/record/21168864/abstract/)

[inoid_2_receptor_agonist_improves_bladder_emptying_in_rats_with_partial_urethral_obstruction](http://www.unboundmedicine.com/medline/ebm/record/21168864/abstract/)

Effects of cannabinor, a novel selective cannabinoid 2 receptor agonist, on bladder function in normal rats. (abst – 2010) [http://](http://www.ncbi.nlm.nih.gov/pubmed/20207474)

www.ncbi.nlm.nih.gov/pubmed/20207474

Randomized controlled trial of Sativex to treat detrusor overactivity in multiple sclerosis. (abst – 2010) [http://www.cannabis-med.org/studies/](http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=314)

[ww_en_db_study_show.php?s_id=314](http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=314)

Local activation of cannabinoid CB1 receptors in the urinary bladder reduces the inflammation-induced sensitization of bladder afferents. (full – 2011) <http://www.molecularpain.com/content/pdf/1744-8069-7-31.pdf>

Inhibitory Effect of Standardized Cannabis sativa Extract and Its Ingredient Cannabidiol on Rat and Human Bladder Contractility. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21310467>

Cannabinoids: potential targets for bladder dysfunction. (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/21290238>

Cannabinoid mediated diuresis in mice (abst – 2011)

[http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/617.6?](http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/617.6?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT)

[maxtoshow=&hits=80&](http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/617.6?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT)

[RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=](http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/617.6?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT)
[date&resourcetype =HWCIT](http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/617.6?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=80&sortspec=date&resourcetype=HWCIT)

BLEPHAROSPASM - also see MEIGE'S SYNDROME

Open label evaluation of cannabidiol in dystonic movement disorders. (full - 1986)

58

<http://web.acsalaska.net/~warmgun/es017.html>

Cannabinoid agonists in the treatment of blepharospasm--a case report study. (abst - 2004)

<http://www.ncbi.nlm.nih.gov/pubmed/15159681>

BLOOD

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

Estrogen stimulates arachidonylethanolamide release from human endothelial cells and platelet activation (full – 2002)

<http://bloodjournal.hematologylibrary.org/content/100/12/4040.full>

The Procoagulatory Effects of Delta-9-Tetrahydrocannabinol in Human Platelets

(full - 2004)

<http://www.anesthesia-analgia.org/content/99/4/1127.full?maxtohtml=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=1280&resourcetype=HWCIT>

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=5e8ec5690352ba9f6b990355b2ed69b1d2e58a5b>

Anticoagulant Effects of a Cannabis Extract in an Obese Rat Model (abst - 2007)

<http://marijuana.researchtoday.net/archive/4/4/736.htm>

Cholesterol-induced stimulation of platelet aggregation is prevented by a hempseed- enriched diet. (abst - 2008) <http://www.ncbi.nlm.nih.gov/pubmed/18418423>

Circulating endocannabinoid concentrations during orthostatic stress (abst – 2009)

www.ncbi.nlm.nih.gov/pubmed/19756829

Anandamide extends platelets survival through CB(1)-dependent Akt signaling. (abst – 2010)

<http://www.ncbi.nlm.nih.gov/pubmed/19936621>

Effect of Cannabis sativa on Hematological Indices in Rats and Men (full – 2011)

<http://docsdrive.com/pdfs/ansinet/pjn/2011/313-316.pdf>

BLOOD PRESSURE

Reduction by Δ 9-tetrahydrocannabinol in the blood pressure of hypertensive rats bearing regenerated adrenal glands (full - 1973) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1776093/?page=1>

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

Effect of marihuana on intraocular and blood pressure in glaucoma (full - 1980)

<http://www.ukcia.org/research/EffectOnIntraocularAndBloodPressureInGlaucoma.php>

The cardiovascular and autonomic effects of repeated administration of delta-9- tetrahydrocannabinol to rhesus monkeys. (abst – 1981) <http://www.ncbi.nlm.nih.gov/pubmed/6257883>

Glaucoma, hypertension, and marijuana. (full - 1982) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2552967/?tool=pmcentrez&page=1>

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&RESULTFORMA>

[T=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=2320&resourcetype=HWCIT](http://ajpheart.physiology.org/cgi/content/abstract/269/6/H1859?maxtoshow=&hits=80&RESULTFORMA)
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>

Body's 'cannabis' could hold blood pressure key (news - 1998)

<http://www.ukcia.org/research/blood-pressure.php>

Endocannabinoids and Vascular Function (full - 2000)

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

59

Endogenous cannabinoids mediate hypotension after experimental myocardial infarction (full

- 2001)

[http://content.onlinejacc.org/cgi/content/full/38/7/2048?maxtoshow=&hits=80&RESULTFORMAT=&fullt](http://content.onlinejacc.org/cgi/content/full/38/7/2048?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=560&resourcetype=HWCIT)

[ext=cannabinoid&searchid=1&FIRSTINDEX=560&resourcetype=HWCIT](http://content.onlinejacc.org/cgi/content/full/38/7/2048?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=560&resourcetype=HWCIT)

[Cardiovascular Effects of Cannabis \(news- 2003\) <http://www.idmu.co.uk/cannacardio.htm>](http://content.onlinejacc.org/cgi/content/full/38/7/2048?maxtoshow=&hits=80&RESULTFORMAT=&fulltext=cannabinoid&searchid=1&FIRSTINDEX=560&resourcetype=HWCIT)

Endocannabinoids Acting at Cannabinoid-1 Receptors Regulate Cardiovascular Function in Hypertension (full - 2004) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2756479/?tool=pmcentrez>

Blood pressure regulation by endocannabinoids and their receptors <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2225528/?tool=pmcentrez>

www.ncbi.nlm.nih.gov/pmc/articles/PMC2225528/?tool=pmcentrez

Cardiovascular Pharmacology of Cannabinoids (full - 2005)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2228270/?tool=pmcentrez>

(full - 2005)

Influence of Anandamide, the Endogenous Agonist of Cannabinoid Receptors on the

Circulatory System (abst - 2005) <http://medical-journals.healia.com/doc/15928605/Influence-of-anandamide-the-endogenous-agonist-of-cannabinoid->

[receptors-on-the-circulatory-system](#)

Further Characterization of the Time-Dependent Vascular Effects of Δ^9 -Tetrahydrocannabinol (full - 2006) <http://jpet.aspetjournals.org/content/317/1/428.full>

The Cannabinoid Cb1 Receptor Antagonist Rimonabant Attenuates the Hypotensive Effect of Smoked Marijuana in Male Smokers. (full – 2006) <http://www.ahjonline.com/article/S0002-8703%2805%2901013-6/fulltext>
Lowering Of Blood Pressure Achieved Through Use Of Hashish-Like Drug (news - 2006) <http://www.sciencedaily.com/releases/2006/06/060620083025.htm>

Cannabis to lower blood pressure! (news - 2006)

<http://www.news-medical.net/news/2006/06/19/18517.aspx>

Marijuana may be Helpful in Lowering Blood Pressure (news – 2006)

<http://www.bio-medicine.org/medicine-news/Marijuana-may-be-Helpful-in-Lowering-Blood-Pressure-11460-1/>

The in vitro and in vivo cardiovascular effects of Δ^9 -tetrahydrocannabinol (THC) in rats made hypertensive by chronic inhibition of nitric oxide synthase. (full - 2007) <http://jpet.aspetjournals.org/content/321/2/663.full>

Characterization of the vasorelaxant mechanisms of the endocannabinoid anandamide in rat aorta (full – 2007)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190007/?tool=pubmed>

Cardiovascular effects of cannabinoids in conscious spontaneously hypertensive rats (full - 2007) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2190006/?tool=pmcentrez> 2-Arachidonylglyceryl ether and abnormal cannabidiol-induced vascular smooth muscle relaxation in rabbit pulmonary arteries via receptor-pertussis toxin sensitive G proteins-ERK1/2 signaling. (abst – 2007) <http://www.ncbi.nlm.nih.gov/pubmed/17292352> Endocannabinoids, blood pressure and the human heart. (full - 2008). <http://www3.interscience.wiley.com/cgi-bin/fulltext/119409853/HTMLSTART>

Modulation of the Endocannabinoid System in Cardiovascular Disease
(full - 2008)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2568884/?tool=pmcentrez>

Acute hypertension reveals depressor and vasodilator effects of
cannabinoids in conscious rats (full - 2008) [http://www.ncbi.nlm.nih.gov/pmc/
articles/PMC2697765/?tool=pmcentrez](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2697765/?tool=pmcentrez)

Triphasic blood pressure responses to cannabinoids: do we understand
the mechanism? (abst – 2011) <http://www.ncbi.nlm.nih.gov/pubmed/22022923>

Increased Blood Pressure Following Abrupt Cessation of Daily Cannabis
Use. (abst – 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21359104>

Cannabidiol as an emergent therapeutic strategy for lessening the impact
of inflammation on oxidative stress. (abst – 2011) [http://
www.ncbi.nlm.nih.gov/pubmed/21238581](http://www.ncbi.nlm.nih.gov/pubmed/21238581)

Low-volume binary drug therapy for the treatment of hypovolemia. (abst
– 2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21330941>