

Granny Storm Crow's List - July 2014

PHYTOCANNABINOIDS and RELATED COMPOUNDS

AMYRINS – phytochemicals that inhibit the breakdown of 2-AG,

Mechanisms underlying the inhibitory actions of the pentacyclic triterpene α -amyrin in the mouse skin inflammation induced by phorbol ester 12-O-tetradecanoylphorbol-13-acetate (abst – 2006) <http://www.sciencedirect.com/science/article/pii/S0014299906014014>

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

The antinociceptive triterpene β -amyrin inhibits 2-arachidonoylglycerol (2-AG) hydrolysis without directly targeting CB receptors. (full – 2012)
<http://onlinelibrary.wiley.com/doi/10.1111/j.1476-5381.2012.02059.x/pdf>

Antihyperglycemic and hypolipidemic effects of α , β -amyrin, a triterpenoid mixture from Protium heptaphyllum in mice (full – 2012)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3484111/>

Adult mortality and blood feeding behavioral effects of α -amyrin acetate, a novel bioactive compound on in vivo exposed females of Anopheles stephensi Liston (Diptera: Culicidae). (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/22167372>

Amyrin and the endocannabinoid system (news – 2012)
<http://gertschgroup.com/blog/entry/3188293/amyrin-and-the-endocannabinoid-system>

Transcriptional Profiles of the Response of Methicillin-Resistant Staphylococcus aureus to Pentacyclic Triterpenoids (full – 2013)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3577688/>

Preventive and therapeutic oral administration of the pentacyclic triterpene α,β -amyrin ameliorates dextran sulfate sodium-induced colitis in mice: The relevance of cannabinoid system. (abst – 2013) <http://www.ncbi.nlm.nih.gov/pubmed/23454360>

ANTHOCYANINS/ ANTHOCYADINS – plant pigments, moderately activate CB1 & CB2 receptors

Human tumor cell growth inhibition by nontoxic anthocyanidins, the pigments in fruits and vegetables. (abst – 2005) <http://www.ncbi.nlm.nih.gov/pubmed/15680311>

An examination of anthocyanins' and anthocyanidins' affinity for cannabinoid receptors.
(abst – 2009) <http://www.ncbi.nlm.nih.gov/pubmed/20041802>

What Makes Cannabis Purple? (news – 2014)
<http://sensiseeds.com/en/blog/what-makes-cannabis-purple/>

BETA-CARYOPHYLLENE/ (E)-BCP * – CB2 agonist, also see TRANS-CARYOPHYLLENE

Potentiating effect of beta-caryophyllene on anticancer activity of alpha-humulene, isocaryophyllene and paclitaxel. (abst – 2007)
<http://www.ncbi.nlm.nih.gov/pubmed/18053325>

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>

Discovery of a novel cannabinoid in food (abst – 2008)
<https://www.thieme-connect.com/ejournals/abstract/10.1055/s-0028-1083900>

Salutary pizza spice (news – 2008)
http://www.eurekalert.org/pub_releases/2008-06/uob-sps062508.php

Cannabinoids, Endocannabinoids, and Related Analogs in Inflammation (full - 2009)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2664885/?tool=pmcentrez>

Terpenes, Terpenoids and Cannabis (news – 2010)
<http://berkeleypatientscare.com/2010/10/08/terpenes-terpenoids-and-cannabis/>

Screening for Antiviral Activities of Isolated Compounds from Essential Oils
(full - 2011) <http://www.hindawi.com/journals/ecam/2011/253643/>

Taming THC: potential cannabis synergy and phytocannabinoid-terpenoid entourage effects. (full - 2011) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3165946/>

β -Caryophyllene inhibits dextran sulfate sodium-induced colitis in mice through CB2 receptor activation and PPAR γ pathway. (full – 2011)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3070571/>

Terpenoids, ‘minor’ cannabinoids contribute to ‘entourage effect’ of cannabis-based medicines (news – 2011)
<http://www.scribd.com/doc/73090396/Terpenoids-%E2%80%98minor%E2%80%99-cannabinoids-contribute-to-%E2%80%98entourage-effect%E2%80%99-of-cannabis-based-medicines-O-Shaughnessy-s-Autumn-2011>

β -Caryophyllene ameliorates cisplatin-induced nephrotoxicity in a cannabinoid 2 receptor-dependent manner. (full – 2012)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3312970/>

Involvement of peripheral cannabinoid and opioid receptors in β -caryophyllene-induced antinociception. (abst – 2012) <http://www.ncbi.nlm.nih.gov/pubmed/23138934>

Getting the Flax Straight about Cannabidiol (news – 2012)
<http://www.examiner.com/article/getting-the-flax-straight-about-cannabidiol>

Towards a better Cannabis drug. (full – 2013)
<http://onlinelibrary.wiley.com/doi/10.1111/bph.12400/full>

The cannabinoid CB2 receptor-selective phytocannabinoid beta-caryophyllene exerts analgesic effects in mouse models of inflammatory and neuropathic pain.
(full – 2013)
<http://www.europeanneuropharmacology.com/article/S0924-977X%2813%2900302-7/fulltext>

The endocannabinoid system, cannabinoids, and pain (full – 2013)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3820295/>

β -Caryophyllene causes regression of endometrial implants in a rat model of endometriosis without affecting fertility. (abst – 2013)
<http://www.ncbi.nlm.nih.gov/pubmed/23353590>

Activation of Cannabinoid CB2 Receptor-Mediated AMPK/CREB Pathway Reduces Cerebral Ischemic Injury. (abst – 2013) <http://www.ncbi.nlm.nih.gov/pubmed/23414569>

Activation of cortical type 2 cannabinoid receptors ameliorates ischemic brain injury (news – 2013) <http://www.sciencedaily.com/releases/2013/02/130221141140.htm>

Beta-Caryophyllene: The Dietary Cannabinoid That Could Make Synthetics Irrelevant (news – 2013)
<http://www.leafscience.com/2013/11/12/beta-caryophyllene-dietary-cannabinoid-make-synthetics-irrelevant/>

Functionalization of β -Caryophyllene Generates Novel Polypharmacology in the Endocannabinoid System. (abst – 2014)
<http://www.ncbi.nlm.nih.gov/pubmed/24831513>

β -Caryophyllene, a CB2 Receptor agonist produces multiple behavioral changes relevant to anxiety and depression in mice. (abst – 2014)
<http://www.ncbi.nlm.nih.gov/pubmed/24930711>

The cannabinoid receptor 2 agonist, β -Caryophyllene, reduced voluntary alcohol intake and attenuated ethanol-induced place preference and sensitivity in mice.
(abst – 2014) <http://www.ncbi.nlm.nih.gov/pubmed/24999220>

CANNABINOIDs IN OTHER PLANTS - also see MAGNOOL, CHOCOLATE, ECHINACEA, TEA

CB receptor ligands from plants. (abst – 2008)

<http://www.ncbi.nlm.nih.gov/pubmed/18289087>

Immunomodulatory Lipids in Plants: Plant Fatty Acid Amides and the Human Endocannabinoid System (abst – 2008)

<https://www.thieme-connect.com/ejournals/abstract/10.1055/s-2008-1034302>

Phytocannabinoids beyond the Cannabis plant – do they exist? (full - 2010)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2931553/?tool=pubmed>

Cannabinomimetic lipid from a marine cyanobacterium. (full– 2011)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3325759/>

Marine Cyanobacterial Fatty Acid Amides Acting on Cannabinoid Receptors.

(full – 2012) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3748600/>

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

New cannabinoid-like chromane and chromene derivatives from Rhododendron anthopogonooides. (full – 2013)

https://www.jstage.jst.go.jp/article/cpb/59/11/59_11_1409/_pdf

Effect of Nelumbo nucifera Petal Extracts on Lipase, Adipogenesis, Adipolysis, and Central Receptors of Obesity (full – 2013)

<http://www.hindawi.com/journals/ecam/2013/145925/>

Secondary Metabolites from Eupenicillium parvum and Their in Vitro Binding Affinity for Human Opioid and Cannabinoid Receptors. (abst – 2013)

<http://www.ncbi.nlm.nih.gov/pubmed/24288291>

Celastrol Attenuates Inflammatory and Neuropathic Pain Mediated by Cannabinoid Receptor Type 2. (link to PDF – 2014) <http://www.mdpi.com/1422-0067/15/8/13637>

Indoloditerpenes from a Marine-Derived Fungal Strain of Dichotomomyces cepii with Antagonistic Activity at GPR18 and Cannabinoid Receptors. (abst – 2014)

<http://www.ncbi.nlm.nih.gov/pubmed/24471526>

CANNADOR – a cannabis extract in pill form

Cannabis trial on Parkinson's (news - 2003)
http://news.bbc.co.uk/2/hi/uk_news/england/devon/2956273.stm

Can Cannabinoids Counter Parkinson's Drug Side-effects? (news – 2003)
<http://www.alphagalileo.org/ViewItem.aspx?ItemId=43064&CultureCode=en>

A multicenter dose-escalation study of the analgesic and adverse effects of an oral cannabis extract (Cannador) for postoperative pain management. (full - 2006)
http://journals.lww.com/anesthesiology/Fulltext/2006/05000/A_Multicenter_Dose_escalation_Stud...e.21.aspx

Analgesic and adverse effects of an oral cannabis extract (Cannador) for postoperative pain (abst - 2006) http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=184

Cannabis effective at relieving pain after major surgery (news - 2006)
<http://www.news-medical.net/news/2006/05/17/17995.aspx>

Cannabis 'reduces surgery pain' (news – 2006) <http://news.bbc.co.uk/2/hi/health/5040960.stm>

Cannador: Drug from cannabis plant-extract to reduce surgery pain
(news/ forum repost - 2006)
<http://www.420magazine.com/forums/cannador/150843-cannador-drug-cannabis-plant-extract-reduce-surgery-pain.html>

Cannabinoids for Postoperative Pain (letter – 2007)
http://journals.lww.com/anesthesiology/Fulltext/2007/02000/Cannabinoids_for_Postoperative_Pain.29.aspx

Cannabinoids as pharmacotherapies for neuropathic pain: from the bench to the bedside.
(full – 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2755639/>

Clinical phase III study with the cannabis extract Cannador successful in multiple sclerosis (news - 2009)
http://www.cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=300

Marijuana Helps Ease MS Symptoms, Study Finds (news – 2012)
<http://www.healthline.com/health-blogs/study-roundup/marijuana-multiple-sclerosis-101112>

Medical Marajuana: Consortium of Multiple Sclerosis Centers (news – 2013)
<http://www.msviews.org/msviewsandnews4/index.php/2012-05-28-00-15-54/2012-07-04-00-19-28/610-medical-marajuana-consortium-of-multiple-sclerosis-centers>

CANNFLAVIN-A/ CANNFLAVIN-B - non-cannabinoid compounds from cannabis

Microbial metabolism of cannflavin A and B isolated from Cannabis sativa.

(abst – 2008) <http://www.ncbi.nlm.nih.gov/pubmed/20223485>

Non-cannabinoid constituents from a high potency Cannabis sativa variety.

(abst – 2008) <http://www.ncbi.nlm.nih.gov/pubmed/18774146>

Cytotoxic and NF-κB-modulating effects of cannabis constituents (abst – 2008)
<https://www.thieme-connect.com/ejournals/abstract/10.1055/s-0028-1084227>

Neuritogenic Effects of Cannabinoids with Nerve Growth Factor (NGF) on PC12 Cells
(abst – 2013) <https://www.thieme-connect.com/ejournals/abstract/10.1055/s-0033-1336533>

CBC/ CANNABICHROMENE * - phytocannabinoid, unknown receptor

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

Antibacterial cannabinoids from Cannabis sativa: a structure-activity study. (full - 2008)
<http://www.scribd.com/doc/7718968/Antibacterial-Cannabinoids-From-Cannabis-Sativa-A-StructureActivity-Study>

Plant-derived cannabinoids modulate the activity of transient receptor potential channels of ankyrin type-1 and melastatin type-8. (full - 2008)
<http://jpet.aspetjournals.org/content/325/3/1007.long>

Evaluation of Prevalent Phytocannabinoids in the Acetic Acid Model of Visceral Nociception (full – 2009) <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2765124/?tool=pubmed>

TRB3 links ER stress to autophagy in cannabinoid anti-tumoral action. (full – 2009)
<http://www.landesbioscience.com/journals/autophagy/SalazarAUTO5-7.pdf>

Antidepressant-like effect of Delta(9)-tetrahydrocannabinol and other cannabinoids isolated from Cannabis sativa L. (full - 2010)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2866040/?tool=pubmed>

Disposition of Cannabichromene, Cannabidiol, and Δ9-Tetrahydrocannabinol and its Metabolites in Mouse Brain following Marijuana Inhalation Determined by High-Performance Liquid Chromatography-Tandem Mass Spectrometry (full - 2010)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3023979/>

Pharmacological evaluation of the natural constituent of Cannabis sativa, cannabichromene and its modulation by Δ9-tetrahydrocannabinol (full - 2010)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2967639/>

Assessment of the Genetic Stability of Micropropagated Plants of Cannabis sativa by ISSR Markers (abst – 2010)

<https://www.thieme-connect.com/ejournals/abstract/10.1055/s-0029-1185945>

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

Effects of cannabinoids and cannabinoid-enriched Cannabis extracts on TRP channels and endocannabinoid metabolic enzymes. (full – 2011)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3165957/pdf/bph0163-1479.pdf>

CANNABIS SATIVA PLANTS RICH IN CANNABICHROMENE AND ITS ACID, EXTRACTS THEREOF AND METHODS OF OBTAINING EXTRACTS THEREFROM (full – 2011) <http://www.faqs.org/patents/app/20110098348>

Non-psychoactive cannabinoids modulate the descending pathway of antinociception in anaesthetized rats through several mechanisms of action (full – 2011)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3041249/>

Phytocannabinoids for use in the treatment of cancer - Patent GB2478595 (A) – 2011-09-14 (full – 2011)
http://worldwide.espacenet.com/publicationDetails/biblio?CC=GB&NR=2478595A&KC=A&FT=D&ND=&date=20110914&DB=&locale=en_EP

The intersection between cannabis and cancer in the United States. (abst – 2011)
<http://www.ncbi.nlm.nih.gov/pubmed/22019199>

Cannabinoids in children (abst – 2011)
http://www.cannabis-med.org/studies/ww_en_db_study_show.php?s_id=295

Cannabis Science Reports: National Cancer Institute Updates Confirm Successful Cancer Treatments with Medical Cannabis. (news - 2011)
<http://www.thefreelibrary.com/Cannabis+Science+Reports%3a+National+Cancer+Institute+Updates+Confirms...a0252875363>

Inhibitory effect of cannabichromene, a major non-psychotropic cannabinoid extracted from Cannabis sativa, on inflammation-induced hypermotility in mice. (full – 2012)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3417459/>

Analysis of cannabinoids in laser-microdissected trichomes of medicinal Cannabis sativa using LCMS and cryogenic NMR. (abst – 2012)
<http://www.ncbi.nlm.nih.gov/pubmed/23280038>

5 Marijuana Compounds That Could Help Combat Cancer, Alzheimers, Parkinsons (If Only They Were Legal) (news – 2012)
<http://www.alternet.org/drugs/5-marijuana-compounds-could-help-combat-cancer-alzheimers-parkinsons-if-only-they-were-legal>

The cannabinoid TRPA1 agonist cannabichromene inhibits nitric oxide production in macrophages and ameliorates murine colitis. (full – 2013)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3632250/>

The effect cannabichromene on adult neural stem/progenitor cells. (abst – 2013)
<http://www.ncbi.nlm.nih.gov/pubmed/23941747>

5 Health Benefits Of Cannabichromene (CBC) (news – 2013)
<http://www.leafscience.com/2013/09/21/5-health-benefits-of-cannabichromene-cbc/>

CBD/ CANNABIDIOL/ GWP- 42004 * agonist of the 5-HT_{1A} receptor, antagonist of CB1 and CB2, GPR – 55 and GPR- 18

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

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

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

Cannabinoids might reduce spasticity in multiple sclerosis (full - 2000)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1117698/?tool=pmcentrez>

The nonpsychoactive cannabis constituent cannabidiol is an oral anti-arthritis therapeutic in murine collagen-induced arthritis (full - 2000)
<http://www.pnas.org/cgi/content/full/97/17/9561>

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

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

Neuroprotective Antioxidants from Marijuana (abst – 2000)
<http://onlinelibrary.wiley.com/doi/10.1111/j.1749-6632.2000.tb06193.x/abstract;jsessionid=2FC02E954345A713B5843BEE89616F4F.d02t01>

Different effects of nabilone and cannabidiol on binocular depth inversion in Man. (abst – 2000) <http://www.ncbi.nlm.nih.gov/pubmed/10837858>

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<http://www.ncbi.nlm.nih.gov/pubmed/11029195>

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

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

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Cannabis and the brain. (full - 2003)
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Neuroprotective Effect of(-)Δ9-Tetrahydrocannabinol and Cannabidiol in N-Methyl-d-Aspartate-Induced Retinal Neurotoxicity - Involvement of Peroxynitrite (full - 2003)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1892413/?tool=pmcentrez>

Composition of the essential oils and extracts of two populations of Cannabis sativa L. ssp. spontanea from Austria (full/ forum repost - 2003)
<http://www.420magazine.com/forums/chemical-composition/150878-composition-essential-oils-extracts-two-populations-cannabis-sativa.html>

Anti-nausea And Anti-vomiting Activity Of Cannabidiol Compounds/ US 2003 0225156
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<http://www.cannabisinternational.org/info/CBD-Nausea.pdf>

Pharmacokinetics and pharmacodynamics of cannabinoids. (abst – 2003)
<http://www.ncbi.nlm.nih.gov/pubmed/12648025>

Post-ischemic Treatment with Cannabidiol Prevents Electroencephalographic Flattening, Hyperlocomotion and Neuronal Injury in Gerbils. (abst – 2003)
<http://www.sciencedirect.com/science/article/pii/S030439400300569X>

Therapeutic potential of cannabinoids in CNS disease. (abst - 2003)
<http://www.ncbi.nlm.nih.gov/pubmed/12617697>

Gamma-irradiation enhances apoptosis induced by cannabidiol, a non-psychotropic cannabinoid, in cultured HL-60 myeloblastic leukemia cells. (abst - 2003)
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Cannabidiol-transdermal delivery and anti-inflammatory effect in a murine model.
(abst - 2003) <http://www.ncbi.nlm.nih.gov/pubmed/14644587>

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

Neuroprotective effect of cannabidiol, a non-psychoactive component from Cannabis sativa, on β-amylid-induced toxicity in PC12 cells (full - 2004)
<http://www3.interscience.wiley.com/cgi-bin/fulltext/118757302/HTMLSTART>

Antitumor effects of cannabidiol, a nonpsychoactive cannabinoid, on human glioma cell lines. (full - 2004) <http://jpet.aspetjournals.org/content/308/3/838.long>

Cannabidiol prevents infarction via the non-CB1 cannabinoid receptor mechanism. (abst – 2004) <http://www.ncbi.nlm.nih.gov/pubmed/15640760>

Cannabidiol Preserves Retinal Neurons and Reduces Vascular Permeability in Experimental Diabetes (abst - 2004)
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Marijuana-like compounds may aid array of debilitating conditions ranging from Parkinson's to pain (news – 2004)
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Comparison of Cannabidiol, Antioxidants, and Diuretics in Reversing Binge Ethanol-Induced Neurotoxicity (full - 2005) <http://jpet.aspetjournals.org/content/314/2/780.full>

Cannabidiol inhibits human glioma cell migration through a cannabinoid receptor-independent mechanism (full - 2005)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1576089/?tool=pmcentrez>

Cannabidiol Prevents Cerebral Infarction Via a Serotonergic 5-Hydroxytryptamine1A Receptor–Dependent Mechanism (full - 2005)
<http://stroke.ahajournals.org/cgi/content/full/36/5/1071>

Cannabidiol lowers incidence of diabetes in non-obese diabetic mice (full - 2005)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2270485/?tool=pmcentrez>

Cannabidiol as an antipsychotic. A double-blind, controlled clinical trial on cannabidiol vs. amisulpride in acute schizophrenia. (full - 2005)
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<http://www.cannabisinternational.org/info/nasal-spray.pdf>

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(abst - 2005)

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Cannabinoids provide neuroprotection against 6-hydroxydopamine toxicity in vivo and in vitro: relevance to Parkinson's disease. (abst - 2005)
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Pharmacokinetics and metabolism of the plant cannabinoids, delta9-tetrahydrocannabinol, cannabidiol and cannabinol. (abst – 2005)
<http://www.ncbi.nlm.nih.gov/pubmed/16596792>

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

Neuroprotective and Blood-Retinal Barrier-Preserving Effects of Cannabidiol in Experimental Diabetes (full - 2006)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1592672/?tool=pubmed>

Role of the Cannabinoid System in Pain Control and Therapeutic Implications for the Management of Acute and Chronic Pain Episodes (full - 2006)
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Cannabidiol, a Cannabis sativa constituent, as an antipsychotic drug (full - 2006)
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Cannabidiol-Induced Apoptosis in Human Leukemia Cells: A Novel Role of Cannabidiol in the Regulation of p22phox and Nox4 Expression (full - 2006)
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Antitumor Activity of Plant Cannabinoids with Emphasis on the Effect of Cannabidiol on Human Breast Carcinoma (full - 2006) <http://jpet.aspetjournals.org/content/318/3/1375.full>

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