

I WANT MY CBD!

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access to a remarkable healing substance contained
in a plant held hostage for more than 70 years!
Its benefits are staggering!

By Richard T. Waggoner

IwantmyCBD.org Publications

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CONTENTS

Prologue.....	4
I. A Rose By Any Other Name.....	7
II. The Conspiracy.....	11
III. The Revolution.....	17
IV. The Super Star.....	23
V. The Documentaries.....	29
VI. Two Brothers and a Dream.....	33
Epilogue.....	38
Index of Cannabidiol Studies.....	40

Prologue

Helps prevent or reverse Alzheimer's disease, kills cancer cells, relieves IBS and Crohn's disease, stops seizures, fights Parkinson's and Multiple Sclerosis, ends joint pain, migraines, and pain in general, relieves anxiety and stress like nothing else, and much much more. In fact, the things people swear CBD can do are almost unbelievable. But not only are the recovery stories real, scientific evidence is mounting that CBD may well be one of the most effective natural substances ever discovered!

This book is about why the plant that contains CBD (cannabidiol) was held hostage for decades. This book is about what CBD has done for people who have given up all hope, and more importantly, what CBD can do for you. This book is about how you can get CBD im-

mediately without a prescription, and how you can prevent big pharma and the FDA from denying your access to CBD. They're trying!

In short, this book is about why people everywhere are shouting, "I want my CBD!"



I

A Rose By Any Other Name

Cannabidiol (CBD) is a cannabinoid. Tetrahydrocannabinol (THC) is also a cannabinoid. Cannabinoids are the powerful chemical compounds contained in the Cannabis sativa plant that provide amazing relief from numerous health problems, even conditions that will not respond to other treatments, and they do so with none of the side effects associated with pharmaceutical drugs.

The Cannabis sativa plant is sometimes called hemp and sometimes called marijuana. How it is referred to is determined solely by the amount of THC contained within the plant.

THC is psychoactive, and, although it has health ben-

I WANT MY CBD!

efits, it can make one feel euphoric, a very big no no! When the Cannabis sativa plant contains high levels of THC, it is called marijuana. When the Cannabis sativa plant contains low levels of THC it is called hemp. It's just that simple. You could smoke a box car full of hemp and you wouldn't get high. Both hemp and marijuana contain CBD to varying degrees depending on the genetics of the plant, and as you will soon find out CBD is miraculous!

It can be very difficult to tell the difference between hemp plants and marijuana plants, even though hemp plants, in some cases, have been bred to grow taller and have thicker stocks. Bottom line, they're still the same plant. The only difference, as stated, are THC levels. To be really sure if its hemp or marijuana requires testing for the THC levels.

Call it a case of mistaken identity (it's actually more sinister) but whatever the case, hemp's similarity in appearance to marijuana proved to be disastrous for the American hemp farmer, and ultimately for the health and well being of us all.

So what happened? How did hemp become outlawed when for thousands of years it was part of our livelihood? Hemp fed us, clothed us, housed us, sailed our

A Rose By Any Other Name

ships and healed our bodies. Hemp helped us survive and thrive in every way imaginable.

If you like conspiracy theories, this one's a doozy, and all the more so because it's true!



William Randolph Hearst



Andrew Mellon



Harry Anslinger

II

The Conspiracy

Early in the 20th century, companies began developing chemicals that were used in the processing of paper. DuPont was a leader in chemical development, not only for processing paper but also for pesticides, herbicides and fertilizers, that were used extensively by the cotton industry. Cotton uses far more chemicals for farming than hemp. Dupont's friend, William Randolph Hearst, invested in timber and mills to produce the paper for his newspaper, which was the largest chain in the U.S. His investments in the timber industry were backed by the Mellon Bank which also backed Dupont.

The owner of the Mellon bank, Andrew Mellon, was also the U.S. Secretary of Treasury at that time. An-

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drew Mellon's niece was married to Harry Anslinger who had been the commissioner of the Alcohol Prohibition department of the federal government. Like everyone else he was out of a job after alcohol prohibition ended. To keep his nieces' husband employed, Mellon created a new division of the federal government, the Bureau of Narcotics, and made Harry Anslinger the commissioner. Needless to say, Anslinger was delighted and would find a way to repay Mellon.

During the same time, machinery was being developed to make hemp processing easier and more efficient. This was bad news for the chemical, timber, and petroleum industries. Bad news for Dupont, Hearst and Mellon. Pharmaceutical companies that were creating new profitable synthetic medicines and drugs were also threatened by the popular and effective natural healing medicines derived from hemp.

Harry Anslinger heard rumors about Mexican immigrants smoking the flowers of the hemp plant. They had their own name for hemp, "Marijuana." Anslinger saw an opportunity to put the Bureau of Narcotics, and himself in the spot light, and he had found the way to pay back Mellon. He used the Mexican slang, marijuana, in place of the word hemp, and then spread scary stories about "Negroes and Mexicans" becoming violent while

The Conspiracy

smoking marijuana, labeling it an extremely dangerous narcotic. Racism was rampant so his scary stories made the public extra fearful.

Hearst's newspapers got on board and printed numerous articles about "evil marijuana" and of people committing rapes and murder while under its influence. The lies sold a lot of papers but that wasn't Hearst's motive. He wanted to get rid of hemp and it worked. Of course the articles failed to mention the everyday uses of hemp (rope, fuel, textiles, food, and health, to name but a few). Hemp is without a doubt the world's most diversified and useful plant. That didn't matter, fortunes were at stake.

In 1937 the Marijuana Tax Act was signed into law, due in large part to the efforts of Anslinger and Hearst. Soon after, Anslinger ordered the hemp prohibition. He said his agents wouldn't be able to tell the difference between hemp and marijuana, and that the farming of hemp made it too difficult to enforce the marijuana prohibition. That actually was true. Hemp and marijuana are the same plant just different expressions. However, the real reason hemp was banned, as we just learned, had nothing do to with its similarity to marijuana.

Dupont, Mellon, Hearst, and the Pharmaceutical companies breathed a collective sigh of relief. It was

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now illegal to grow hemp in the United States, except for a brief period during the second world war when farmers were allowed to grow hemp to provide badly needed fiber for the war effort. After the war the military was ordered to destroy all remaining hemp crops. Prohibition was the law of the land. Cannabis sativa was public enemy number one.

Fortunately there were a few brave souls that thought otherwise.

The Conspiracy

“Then you will know the truth, and the truth will set you free.”

- John 8:32



III

The Revolution

Renegade scientists, the kind that didn't buy the party line, were starting to take a deeper look at the demon weed and what they found was profoundly different than what the government wanted the public to believe. A revolution had begun. Early studies showed that *Cannabis sativa* was not a dangerous drug, and in fact could benefit human health.

This was disturbing to say the least to a government committed to perpetrating a lie backed by draconian penalties for possession of even small amounts of Cannabis.

More and more studies showed that Cannabis had a wide range of medical benefits, and in some cases

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worked better than pharmaceutical drugs with virtually no side effects, as in the case of pain relief.

Penalties for possession were increased, more people were locked up. It didn't seem to matter. It was the Sixties! Cannabis use was skyrocketing. Now the government needed "real science" to bolster their case for the evils of Cannabis.

The Government acted. The National Institute of Drug Abuse was ordered to subsidize studies that were purposely designed to prove the dangerous effects of Cannabis. It backfired. The studies actually showed even more health benefits of Cannabis and inadvertently led to a series of major discoveries about how the human brain worked!

And then the breakthrough! In 1990 the endo-cannabinoid receptor system was discovered.

The endo-cannabinoid receptor system, named after the plant that led to its discovery, is a collection of receptors located in our brains, and immune cells that fit the active chemicals (cannabinoids) in Cannabis like a key in a lock. Our body was hard wired for cannabinoids!

Many scientists considered the endo-cannabinoid

The Revolution

receptor system to be your body's most important physiologic system involved in establishing and maintaining health! Your endo-cannabinoid receptor system performs different tasks, but the goal is always the same: homeostasis, the maintenance of a stable internal environment despite fluctuations in the external environment...Balance!

Disease, as the Asians have known for 5000 years, is a condition of your body being out of balance. Western science had caught up. The cannabinoids found in Cannabis could help bring your body back into balance. Cannabinoids were not simply treating symptoms per se, like pharmaceutical drugs, cannabinoids were working holistically to heal your body by bringing it back into balance.

A more complete picture was emerging. Science knew what chemical compounds contained in Cannabis were active. They knew how to isolate them and, more importantly, how they worked in your brain and the rest of your body to produce extraordinary health benefits.

Research increased. The Government pushed back. It continued to deny research grants to universities. It threatened doctors with jail time and loss of their medical licenses if they dared recommending Cannabis to

I WANT MY CBD!

their patients. They raided clinics conducting studies, and of course, threw as many people in jail as they could.

It didn't work. The public was now demanding access to Cannabis. Political action groups were popping up everywhere to legalize Cannabis for medical purposes. And they were somewhat successful. California became the first state to legalize the use of Cannabis for medicine in 1996. Others would follow, but it was still illegal in most states even though it was clear that Cannabis had effective medical applications. Hundreds of studies confirmed its remarkable health benefits.

People suffering from the terrible effects of Post Traumatic Stress Disorder finally found relief with Cannabis after all other medications had failed. AIDS patients wasting away actually gained weight while using cannabis. Cancer patients found relief from the terrible side effects of chemotherapy.

Something else was happening.

The Revolution

*“And the earth brought forth grass,
and herb yielding seed after his kind,
and the tree yielding fruit, whose seed
was in itself, after his kind: and God
saw that it was good.”*

- Genesis 1:12



IV

The Super Star

Whereas in the past scientists had almost exclusively studied THC, now another cannabinoid was gaining prominence, CBD. Studies were showing that cannabidiol (CBD) had far more medical applications than THC and, unlike THC, CBD was not psychoactive. It delivered without getting you high. This was a godsend for people who felt uncomfortable with the psychological effects of THC.

CBD actually counteracted the effects of THC. There was no temporary short term memory disruption with CBD as can sometimes happen with THC. CBD actually improved memory and clarity. Clinical studies for CBD increased dramatically. The list of conditions that responded favorably to CBD was staggering! Here they

I WANT MY CBD!

are in alphabetical order:

- Acne
- ADD and ADHD
- Addiction
- AIDS
- ALS
- Alzheimer's Disease
- Anorexia
- Antibiotic Resistance
- Anxiety
- Atherosclerosis
- Arthritis
- Asthma
- Autism
- Bipolar Disorder
- Cancer
- Colitis and Crohn's
- Depression
- Diabetes
- Endocrine Disorders
- Epilepsy and Seizures
- Fibromyalgia
- Glaucoma
- Heart Disease
- Huntington's Disease
- Inflammation
- Irritable Bowel Syndrome
- Kidney Disease
- Liver Disease
- Metabolic Syndrome
- Migraine
- Mood Disorders
- Motion Sickness
- Multiple Sclerosis (MS)
- Nausea
- Neurodegeneration
- Neuropathic Pain
- Obesity
- OCD
- Osteoporosis/Bone Health
- Parkinson's Disease
- Prion/Mad Cow Disease
- PTSD
- Rheumatism
- Schizophrenia
- Sickle Cell Anemia
- Skin Conditions
- Sleep Disorders
- Spinal Cord Injury
- Stress
- Stroke and TBI

The Super Star

The clinical studies on CBD and cannabinoids for these conditions can be found on PubMed, a free on-line service of the U.S National Library of Medicine. Thank God for the internet.

Oh by the way, another thing happened as scientific evidence mounted confirming the incredible effectiveness of CBD. While one branch of our Government, namely the DEA, was busy locking up users of Cannabis and threatening researchers of the devil weed, swearing that Cannabis had absolutely no medical applications and was a dangerous drug, another branch, The Department of Health and Human Services, was conducting its own research on cannabinoids in general and CBD in particular.

They were so impressed with what they learned that they did something unprecedented, and they did it with no press release. In fact what they did was virtually unknown to anyone except the few who pore over patent filings. The Department of Health and Human Services filed for, and were granted a use patent for cannabinoids!

Cannabinoids as antioxidants and neuroprotectants

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US 6630507 B1

Assignee:The United States of America as represented by the Department of Health and Human Services (Washington, DC)

ABSTRACT

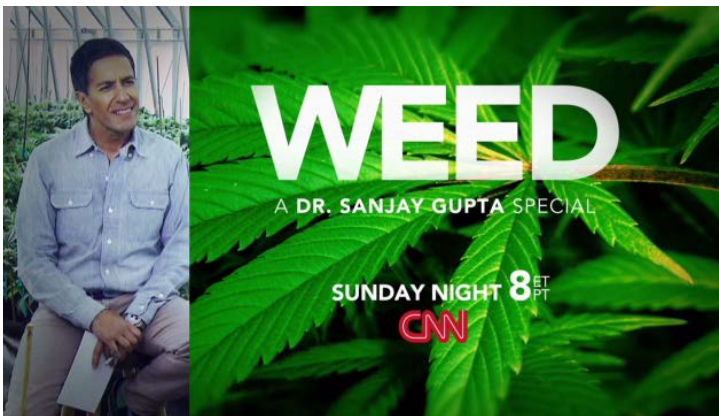
Cannabinoids have been found to have antioxidant properties, unrelated to NMDA receptor antagonism. This new found property makes cannabinoids useful in the treatment and prophylaxis of wide variety of oxidation associated diseases, such as ischemic, age-related, inflammatory and autoimmune diseases. The cannabinoids are found to have particular application as neuroprotectants, for example in limiting neurological damage following ischemic insults, such as stroke and trauma, or in the treatment of neurodegenerative diseases, such as Alzheimer's disease, Parkinson's disease and HIV dementia. Non-psychoactive cannabinoids, such as cannabidiol (CBD), are particularly advantageous to use because they avoid toxicity that is encountered with psychoactive cannabinoids at high doses useful in the method of the present invention. A particular disclosed class of cannabinoids useful as neuroprotective antioxidants is formula (I) wherein the R group is independently selected from the group consisting of H, CH₃, and COCH₃.

CBD had become a super star among the scientists who conducted Cannabis research. The general public was steadily becoming more aware of the health benefits of

The Super Star

Cannabis in general, but they knew very little specifically about CBD.

That was about to change dramatically.



V

The Documentaries

Beginning in 2013, Dr. Sanjay Gupta, the chief medical correspondent on CNN, produced a documentary on Cannabis entitled “Weed.” He began the documentary by apologizing for his earlier statements on Cannabis where he held, like most doctors and the public at large, that Cannabis was a dangerous drug and had no medical benefits. He had been wrong and his documentary was, in his words, to “set the record straight.” What his documentary showed was the incredible medical benefits of Cannabis and specifically CBD. He used, as an example, Charlotte Figi.

From the age of three months, Charlotte suffered from Dravet syndrome, a rare and catastrophic form of intrac-

I WANT MY CBD!

table epilepsy that begins in infancy. By the age of two, Charlotte started disconnecting cognitively and experienced autism-like behaviors: self-injury, violence and reluctance to make eye contact. By the time she was five, she was experiencing up to 300 seizures a week, many lasting hours at a time. She was on seven drugs, some of them heavy duty addictive ones such as barbiturates, and benzodiazepines. They'd work for a while, but the seizures always came back with a vengeance. Her condition was so severe that, at one point, her parents, Matt and Paige Figi, had signed a do-not-resuscitate order.

Charlotte was in and out of the hospital and lived in a wheelchair, unable to talk or even swallow. Matt and Paige had exhausted every option and were told that nothing more could be done for their daughter. Luckily for Charlotte, they lived in Colorado.

After researching Cannabis and finding astounding testimonials, the Figis went about the extensive process of obtaining Cannabis oil that had a high CBD content for Charlotte. When they found it and got two doctor's permission to give it to Charlotte, the results were immediate. Going from 300 seizures a week to not having a single one in the first seven days of treatment was a clear sign that the Figis had stumbled onto something extraordinary.

The Documentaries

The CNN documentary was one of the most widely watched documentaries in history. The demand for CBD exploded. The documentary also featured the Stanley brothers, who were dispensary owners and small growers of the strain of CBD rich Cannabis that helped Charlotte. The brothers eventually named the cannabis strain Charlotte's Web after the little girl they helped.

Cannabis oil extracts were legal in Colorado and, immediately after the documentary aired, entire families were leaving everything, friends, jobs, relatives, and heading to Colorado to obtain the now famous Cannabis extract to treat their epileptic children. The demand was overwhelming for the Stanley brothers. Soon they had a huge waiting list of people who were literally begging for the oil.

The Stanley brothers ramped up production but it wasn't enough. More and more people were demanding access to CBD. During his documentary, Dr. Sanjay Gupta reported on other serious conditions, and showed how CBD could help when nothing else seemed to work. Two more one hour documentaries followed that were equally popular. CBD went mainstream. The public wanted it now!

This was not lost on the business world.



VI

Two Brothers and a Dream

Entrepreneurs know an opportunity when they see it. The problem was that the CBD oil the Stanley brothers were producing came from medical marijuana. It was a strain that contained high levels of CBD and low levels of THC but it was still talked about as medical marijuana even though technically it was hemp.

The entrepreneurs had an idea. Hemp oil was legal and had been so for sometime after it had been challenged by the DEA and lost in court. Hemp oil contains almost no THC and is non psychoactive. The court found that it did not violate the Controlled Substance Act. The hemp oil that was sold in the United States at that time was imported because there was still a ban on hemp be-

I WANT MY CBD!

ing farmed in the U.S. Hemp oil, if extracted properly, could contain CBD, lots of it!

No need to move to Colorado. No need to get a medical Marijuana card. The race was on to find foreign sources of hemp oil, and then import it to the U.S. and market it as a dietary supplement. The demand for CBD was enormous, the profits would be huge. And that's exactly what happened. Sort of...

Companies were formed and some of them became publicly traded. Their stocks were promoted as investment opportunities. Hemp oil products said to be rich in CBD started showing up online. But the quality of the products varied widely. Most of the products came from hemp either grown in Eastern Europe or China. When the FDA did testing on some online CBD hemp oil products, they found that they contained very little CBD. Even worse, because of the contaminated soil that the hemp was grown in, some of the hemp oil products contained toxins and were making people sick. The public now had access to CBD products but it was a mixed bag.

And then a watershed event occurred.

President Obama signed into law the Agricultural Act of 2014, aka the "Farm Bill." The Agricultural Act permits

Two Brothers and a Dream

the growth and cultivation of industrial hemp in states where hemp has been legally approved to grow as long as the hemp grown complied with the conditions set forth in Section 7606 of the bill, “The plant *Cannabis sativa* L. and any part of such plant, whether growing or not, with a delta-9 tetrahydrocannabinol (THC) concentration of not more than 0.3 percent on a dry weight basis.”

Unlike marijuana, federal law now allowed for the cultivation, processing and marketing of hemp and hemp products. The hemp plant was no longer held hostage. The 70 year nightmare was coming to an end.

In Colorado The Stanley brothers were not the only brothers growing high CBD low THC Cannabis that now fit the federal definition of hemp. Enter the Hammer brothers, Chris and Justin. Both brothers were pioneers in Cannabis cultivation, working for years as growers of Cannabis for medical purposes. They were way ahead of the curve and had been painstakingly perfecting a proprietary strain of Cannabis that had extremely high levels of CBD and very low amounts of THC.

They were totally committed to making CBD rich hemp oil available on a large scale, having witnessed the healing power of their proprietary strain on many severely

I WANT MY CBD!

ill people. They moved to Colorado and set about actualizing their dream.

What followed was the largest grow of CBD rich hemp in the United States. Not only were they expert growers of hemp they had wide experience processing the harvested plant material. That experience led to them producing, without question, the finest CBD rich hemp oil on the market. We've verified this by testing virtually all of the other CBD products being offered online. Nothing compares.

The Hammer brother's market their CBD rich hemp oil under the brand name CANNABITOL™, described as a *full spectrum* hemp oil.

They explain that *full spectrum* means CANNABITOL is naturally rich in CBD, and ALL of the other health empowering constituents found in the Cannabis sativa plant, such as terpenes, protein, essential fatty acids and vitamins... hence CANNABITOL.

Like all the CBD hemp oil products we test, we had CANNABITOL tested at SC Labs, a leader in cannabinoid testing. CANNABITOL had exactly what the label stated. The CBD levels were accurate and their full spectrum CBD rich hemp oil was absolutely free of any kind of toxins. At least one company is doing

Two Brothers and a Dream

things right, and true to their name, HempLand™ USA is producing everything here in the United States which really helps the local contract farmers who had been struggling until the Hammer brothers showed up.

So now the public has a trusted source to obtain CBD rich hemp oil. Hopefully more will follow.

But the revolution is not over.

Epilogue

Big pharma is more than just a little worried about your easy access to CBD. They are fully aware that CBD has little or no side effects and in many cases can work as well or better than their highly profitable drugs for pain, stress, anxiety, insomnia and unhappiness.

With billions at stake, the push back is and will be massive from the pharmaceutical industry. Their partner, the FDA, is already trying to stop CBD rich hemp oil from being sold as a dietary supplement.

Pharmaceutical companies have tried desperately for years to isolate, synthesize and patent cannabinoids. They have only been moderately successful. Whole plant extracts work much better, but whole plant extracts are impossible to patent! One pharmaceutical

company spent millions trying to develop CBD as an isolate which they hoped to patent, only to discover that the best way for CBD to be effective was to extract it along with all of the other natural constituents contained in hemp. Exactly what HempLand USA does now!

Help us protect your easy access to CBD

IwantmyCBD.org is dedicated to ensuring your right to obtain We are working hard to make sure CBD rich hemp oil remains a dietary supplement. Don't allow the descendants of Anslinger and his gang to once again trample on your right to the health benefits of an amazing plant. Hemp is a gift from god. Please support IwantmyCBD.org. Become a member. Go to our website and see what we are doing to protect your rights. You'll also find out more information about CBD.

Join us in shouting ***I WANT MY CBD!***

Stay tuned for more recommendations on our web site and new printings of this booklet.

Index of Cannabidiol Studies

Acne

J Clin Invest. 2014 Sep;124(9):3713-24. doi: 10.1172/JCI64628. Epub 2014 Jul 25.

Cannabidiol exerts sebostatic and antiinflammatory effects on human sebocytes.

ADD and ADHD

J Clin Psychopharmacol. 2010 Apr;30(2):190-2. doi: 10.1097/JCP.0b013e3181d236ec.

Oral delta 9-tetrahydrocannabinol improved refractory Gilles de la Tourette syndrome in an adolescent by increasing intracortical inhibition: a case report.

Addiction

mélissa Prud'homme^{1,2}, *Romulus catal* and *didier Jutras-aswad*^{1,2}
¹Research Center, Centre hospitalier de l'Université de Montréal (CR-CHUM). ²Department of Psychiatry, Université de Montréal, Montreal, QC, Canada.

Cannabidiol as an Intervention for Addictive Behaviors: A Systematic Review of the Evidence

AIDS

Genes Cancer. 2012 Jul;3(7-8):512-20. doi:

10.1177/1947601912466556.

Cannabidiol inhibits growth and induces programmed cell death in kaposi sarcoma-associated herpesvirus-infected endothelium.

ALS

Am J Hosp Palliat Care. 2010 Aug;27(5):347-56. doi:

10.1177/1049909110369531. Epub 2010 May 3.

Cannabis and amyotrophic lateral sclerosis: hypothetical and practical applications, and a call for clinical trials.

Alzheimer's Disease

J Neurochem. 2004 Apr;89(1):134-41.

Neuroprotective effect of cannabidiol, a non-psychoactive component from Cannabis sativa, on beta-amyloid-induced toxicity in PC12 cells.

Anorexia

J Psychiatr Res. 2009 Apr;43(7):671-9. doi: 10.1016/j.jpsy-

chires.2008.09.007. Epub 2008 Oct 15.

Leptin, ghrelin, and endocannabinoids: potential therapeutic targets in anorexia nervosa.

Antibiotic Resistance

Antonie Van Leeuwenhoek. 1976;42(1-2):9-12.

Antibacterial activity of delta9-tetrahydrocannabinol and cannabidiol.

Anxiety

CNS Neurol Disord Drug Targets. 2014;13(6):953-60.

Antidepressant-like and anxiolytic-like effects of cannabidiol: a chemical compound of Cannabis sativa.

Atherosclerosis

Orv Hetil. 2012 Apr 1;153(13):499-504. doi: 10.1556/OH.2012.29308.

The potential use of cannabidiol in the therapy of metabolic syndrome.

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Arthritis

Proc Natl Acad Sci U S A. 2000 Aug 15;97(17):9561-6.

The nonpsychoactive cannabis constituent cannabidiol is an oral anti-arthritic therapeutic in murine collagen-induced arthritis.

Asthma

Curr Drug Targets. 2012 Jun;13(7):984-93.

The role of cannabinoids in inflammatory modulation of allergic respiratory disorders, inflammatory pain and ischemic stroke.

Autism

Nat Med. 2013 May;19(5):603-7. doi: 10.1038/nm.3127. Epub 2013 Mar 31.

Targeting the endocannabinoid system in the treatment of fragile X syndrome.

Bipolar disorder

J Psychopharmacol. 2005 May;19(3):293-300.

Cannabinoids in bipolar affective disorder: a review and discussion of their therapeutic potential.

Cancer

Br J Clin Pharmacol. 2013 Feb;75(2):303-12. doi: 10.1111/j.1365-2125.2012.04298.x.

Cannabidiol as potential anticancer drug.

Colitis and Crohn's

PLoS One. 2011;6(12):e28159. doi: 10.1371/journal.pone.0028159. Epub 2011 Dec 6.

Cannabidiol reduces intestinal inflammation through the control of neuroimmune axis.

Depression

Trends Pharmacol Sci. 2009 Sep;30(9):484-93. doi: 10.1016/j.tips.2009.06.006. Epub 2009 Sep 3.

The therapeutic potential of the endocannabinoid system for the development of a novel class of antidepressants.

Index of Cannabidiol Studies

Diabetes

Am J Pathol. 2006 Jan;168(1):235-44.

Neuroprotective and blood-retinal barrier-preserving effects of cannabidiol in experimental diabetes.

Endocrine Disorders

Endocr Rev. 2006 Feb;27(1):73-100. Epub 2005 Nov 23.

The emerging role of the endocannabinoid system in endocrine regulation and energy balance.

Epilepsy and Seizures

Epilepsia. 2014 Jun;55(6):791-802. doi: 10.1111/epi.12631. Epub

2014 May 22.

Cannabidiol: pharmacology and potential therapeutic role in epilepsy and other neuropsychiatric disorders.

Fibromyalgia

Neuro Endocrinol Lett. 2008 Apr;29(2):192-200.

Clinical endocannabinoid deficiency (CECD): can this concept explain therapeutic benefits of cannabis in migraine, fibromyalgia, irritable bowel syndrome and other treatment-resistant conditions?

Glaucoma

Am J Pathol. 2003 Nov;163(5):1997-2008.

Neuroprotective effect of (-)Delta9-tetrahydrocannabinol and cannabidiol in N-methyl-D-aspartate-induced retinal neurotoxicity: involvement of peroxynitrite.

Heart Disease

Am J Physiol Heart Circ Physiol. 2007 Dec;293(6):H3602-7.

Epub 2007 Sep 21.

Cannabidiol, a nonpsychoactive Cannabis constituent, protects against myocardial ischemic reperfusion injury.

Huntington's Disease

J Neurosci Res. 2011 Sep;89(9):1509-18. doi: 10.1002/jnr.22682.

Epub 2011 Jun 14.

I WANT MY CBD!

Neuroprotective effects of phytocannabinoid-based medicines in experimental models of Huntington's disease.

Inflammation

Free Radic Biol Med. 2011 Sep 1;51(5):1054-61. doi: 10.1016/j.freeradbiomed.2011.01.007. Epub 2011 Jan 14.

Cannabidiol as an emergent therapeutic strategy for lessening the impact of inflammation on oxidative stress.

Irritable Bowel Syndrome

Phytother Res. 2013 May;27(5):633-6. doi: 10.1002/ptr.4781. Epub 2012 Jul 20.

Cannabidiol in inflammatory bowel diseases: a brief overview.

Kidney Disease

J Pharmacol Exp Ther. 2009 Mar;328(3):708-14. doi: 10.1124/jpet.108.147181. Epub 2008 Dec 12.

Cannabidiol attenuates cisplatin-induced nephrotoxicity by decreasing oxidative/nitrosative stress, inflammation, and cell death.

Liver Disease

Br J Pharmacol. 2011 Apr;162(7):1650-8. doi: 10.1111/j.1476-5381.2010.01179.x.

Cannabidiol improves brain and liver function in a fulminant hepatic failure-induced model of hepatic encephalopathy in mice.

Metabolic Syndrome

Orv Hetil. 2012 Apr 1;153(13):499-504. doi: 10.1556/OH.2012.29308.

The potential use of cannabidiol in the therapy of metabolic syndrome

Migraine

Exp Neurol. 2010 Jul;224(1):85-91. doi: 10.1016/j.expneurol.2010.03.029. Epub 2010 Mar 29.

The endocannabinoid system and migraine.

Mood Disorders

Philos Trans R Soc Lond B Biol Sci. 2012 Dec 5;367(1607):3364-78. doi: 10.1098/rstb.2011.0389.

Index of Cannabidiol Studies

Multiple mechanisms involved in the large-spectrum therapeutic potential of cannabidiol in psychiatric disorders.

Motion Sickness

PLoS One. 2010 May 21;5(5):e10752. doi: 10.1371/journal.pone.0010752.

Motion sickness, stress and the endocannabinoid system.

Multiple Sclerosis (MS)

Neurobiol Dis. 2013 Nov;59:141-50. doi: 10.1016/j.nbd.2013.06.016. Epub 2013 Jul 11.

Cannabidiol provides long-lasting protection against the deleterious effects of inflammation in a viral model of multiple sclerosis: a role for A2A receptors.

Nausea

Br J Pharmacol. 2012 Apr;165(8):2620-34. doi: 10.1111/j.1476-5381.2011.01621.x.

Cannabidiol, a non-psychotropic component of cannabis, attenuates vomiting and nausea-like behaviour via indirect agonism of 5-HT(1A) somatodendritic autoreceptors in the dorsal raphe nucleus.

Neurodegeneration

Neurotherapeutics. 2015 Aug 12.

Molecular Targets of Cannabidiol in Neurological Disorders.

Neuropathic Pain

Br J Pharmacol. 2014 Feb;171(3):636-45. doi: 10.1111/bph.12439.

Cannabidiol inhibits paclitaxel-induced neuropathic pain through 5-HT(1A) receptors without diminishing nervous system function or chemotherapy efficacy.

Obesity

Med Hypotheses. 2013 May;80(5):564-7. doi: 10.1016/j.mehy.2013.01.019. Epub 2013 Feb 11.

Cannabis and Δ9-tetrahydrocannabinol (THC) for weight loss?

I WANT MY CBD!

OCD

Psychopharmacology (Berl). 2012 Feb;219(3):859-73. doi: 10.1007/s00213-011-2415-0. Epub 2011 Jul 28.

Plasma and brain pharmacokinetic profile of cannabidiol (CBD), cannabidivarin (CBDV), Δ^9 -tetrahydrocannabivarin (THCV) and cannabigerol (CBG) in rats and mice following oral and intraperitoneal administration and CBD action on obsessive-compulsive behaviour.

Osteoporosis/Bone Health

Cell Metab. 2009 Aug;10(2):139-47. doi: 10.1016/j.cmet.2009.07.006.

Cannabinoid receptor type 1 protects against age-related osteoporosis by regulating osteoblast and adipocyte differentiation in marrow stromal cells.

Parkinson's Disease

J Psychopharmacol. 2014 Nov;28(11):1088-98. doi:

10.1177/0269881114550355. Epub 2014 Sep 18.

Effects of cannabidiol in the treatment of patients with Parkinson's disease: an exploratory double-blind trial.

Prion/Mad Cow Disease

J Neurosci. 2007 Sep 5;27(36):9537-44.

Nonpsychoactive cannabidiol prevents prion accumulation and protects neurons against prion toxicity.

PTSD

Psychoneuroendocrinology. 2013 Sep;38(9):1675-87. doi: 10.1016/j.psyneuen.2013.01.014. Epub 2013 Feb 21.

Cannabinoids and traumatic stress modulation of contextual fear extinction and GR expression in the amygdala-hippocampal-prefrontal circuit.

Rheumatism

Free Radic Biol Med. 2011 Sep 1;51(5):1054-61. doi: 10.1016/j.freeradbiomed.2011.01.007. Epub 2011 Jan 14.

Cannabidiol as an emergent therapeutic strategy for lessening the impact of inflammation on oxidative stress.

Index of Cannabidiol Studies

Schizophrenia

Eur Neuropsychopharmacol. 2014 Jan;24(1):51-64. doi: 10.1016/j.euroneuro.2013.11.002. Epub 2013 Nov 15.

Cannabidiol as a potential treatment for psychosis.

Sickle Cell Anemia

Blood. 2010 Jul 22;116(3):456-65. doi: 10.1182/

blood-2010-01-260372. Epub 2010 Mar 19.

Pain-related behaviors and neurochemical alterations in mice expressing sickle hemoglobin: modulation by cannabinoids.

Skin Conditions

Trends Pharmacol Sci. 2009 Aug;30(8):411-20. doi: 10.1016/j.

*tips.*2009.05.004. Epub 2009 Jul 14.

The endocannabinoid system of the skin in health and disease: novel perspectives and therapeutic opportunities.

Sleep Disorders

J Clin Psychopharmacol. 2004 Jun;24(3):305-13.

Effect of Delta-9-tetrahydrocannabinol and cannabidiol on nocturnal sleep and early-morning behavior in young adults.

Spinal Cord Injury

Neurotox Res. 2012 Apr;21(3):271-80. doi: 10.1007/s12640-011-9273-8. Epub 2011 Sep 14.

Cannabidiol-treated rats exhibited higher motor score after cryogenic spinal cord injury.

Stress

Neuropsychopharmacology. 2013 Jul;38(8):1521-34. doi: 10.1038/

*npp.*2013.51. Epub 2013 Feb 20.

Cannabinoids ameliorate impairments induced by chronic stress to synaptic plasticity and short-term memory.

Stroke and TBI

Am J Physiol Heart Circ Physiol. 2007 Dec;293(6):H3602-7.

Epub 2007 Sep 21.

Cannabidiol, a nonpsychoactive Cannabis constituent, protects against myocardial ischemic reperfusion injury.