

# Cannabis the True Panacea in Comprehensive Study

## UNIVERSAL ORTHODOX CANNABIS HEALING MINISTRY ANNOUNCEMENT

NEW 'HEMP HEALING CBD OIL' IS A THC-FREE FORMULA THAT PROMISES TO SUPPLANT RICK SIMPSON'S 'HEMP OIL THC FORMULA' (including related BIG PHARMA press releases and NEWS REPORTS).

The following is an exciting preliminary CLINICAL TRIAL report of treatment with a cannabis extract that brings the patient healing without getting them high. This 'hemp healing CBD oil' is an essentially unknown discovery by an independent therapist. We are realizing plans to bring this forward within our healing ministry. We have been investigating this new type of 'hemp healing oil'.

The Rick Simpson 'hemp oil' or whole flower of hemp extraction has seen limited success in practice because of the 'high' that most people simply cannot tolerate when ingesting the extremely large dosages required. A seemingly strain specific, high quality cannabis indica is recommended for producing the correct Rick Simpson 'hemp oil' formula. This strain is economically beyond the reach of those patients who cannot grow for themselves or locate an effective caregiver/grower for this Stage IV cancer regime (because of the prohibitionist laws in most States and the worldwide outlawry of the hemp crop through United Nations Treaty obligations of member States under the Drug Convention which label cannabis as a plant without medical use).

The potent cannabis of California fame is led by strains that have bred the CBDs out in preference for the THCs for the purposes of the euphoric high when smoking because the CBD compounds in cannabis counteract the mind altering euphoric effect of the

high (Cannabis and Cannabis Extracts Greater Than the Sum of Their Parts? John M. McPartland, Ethan B. Russo).

Our investigations have determined that the 'ganga' of Jamaica still retains high CBD levels. Grown outdoors close to the equator in natural sunlight, Jamaican 'ganga' naturally produces more CBDs. Oddly, this high CBD level is also attributed to the local practice of mixing tobacco with the 'ganga' to increase effective potency when nicotine simultaneously enters the bloodstream. The 'ganga' is a very strong 'indica' strain and conducive to healing and is a cost effective therapy. A tolerance to the ingested oil is developed because the 'euphoric high' is primarily caused through chemical changes brought about through combustion when the plant material is burned and the smoke taken into the body. When ingested internally, the CBD compounds are retained and not destroyed and exhibit a countereffect upon the euphoric mind altering THC in the cannabis plant.

Rick Simpson's Run from the Cure 'hemp oil' heavy in THC <http://www.phoenixtearsmovie.com>

We suggested that Richard Brumfield submit his claimed CBD formula (sans THC) to Carol, a Registered Nurse who does follow up monitoring of patients for a clinic that offers alternative treatment programs in Mexico. This clinic does Stem Cell work and other advanced regimens. The 'goo' Gerard Peturel refers to here is Rick Simpson's THC formula for 'hemp oil' that he compares with Richard Brumfield's CBD 'hemp healing oil' formula.

Testimony of Gerard Peturel  
<http://www.youtube.com/watch?v=TRUtPwxKKPA>

Carol agreed to take on this project and Richard Brumfield and his associates agreed to supply samples for 4 patients. This is a copy of the email exchange in the preliminary results. We understand now that 4 doctors in the clinic in Mexico will be recommending this regimen to *all* their patients. We are now in association with these licensed California caregivers and other licensed medical professionals for making this 'food product' available in the United States.

DATE: 7/5/10 12:15 AM  
FROM: richard brumfield  
TO: greg@universalorthodox.org  
SUBJECT: Fwd: trial findings

----- Forwarded message -----

From: Carol G ## @live.com>  
Date: Fri, Jul 2, 2010 at 2:03 PM  
Subject: trial findings  
To: Richard Brumfield <## @gmail.com>  
Cc: MEMO <## @yahoo.com>

REPORT OF 7/2/10

Subject #1: White female, age 64. Diagnosed with Emphysema/COPD

Trial began 6/16/10

Dose is 0.5 ML per 100# body weight three times daily.

Prior to treatment this subject was using supplemental oxygen daily for blood levels below 89. She was required to wear a Bi Pap machine at night to stimulate respiration and deliver oxygen. She was having mood swings and had chronic fatigue to the point she could not do her housework or shopping. She was using two prescription bronchodilators.

At this time the subject is using no supplemental

oxygen, not wearing the Bi Pap, has elevated mood affects, and no longer experiences fatigue. She no longer requires the prescription bronchodilators. This subject is now working a part time job, is doing her own shopping and housework, interacting with her spouse and has energy to work in her yard. Her O2 Sats are maintaining between 94% and 97% without supplemental oxygen. She had only one incident in two weeks where the Bi Pap was required during hours of sleep.

Report of 7/19/10

This subject continues to maintain a blood oxygen level of 97% without the use of supplemental oxygen. Bi Pap was used one time within this time period. She continues to have a high energy level and stable emotional and mental affect. No adverse or "high" has been experienced due to the absence of THC in the formula being utilized. She has discontinued her use of bronchodilators due to lack of need.

Report of 7/30/10

This COPD subject continues with high energy level, elevated mood, and uses no inhalers or Bi Pap at this time. Her blood oxygen level continues to average 97% and she has used supplemental oxygen only one time since beginning this trial.

Subject #2: White male, age 50. Diagnosed with Colorectal Cancer, post colostomy

Trial began 6/24/10

This patient has had partial colon removal with a large tumor unable to be surgically removed. He refused chemo and radiation; however, he does now have a colostomy bag.

His pain level on a scale of 1-10 was 9 - 9.5 and narcotics were required to alleviate the pain to a

tolerable level. He was rectally excreting bloody, thick, malodorous mucous. He experienced constant, severe pressure to evacuate his bowel even when there was nothing to evacuate. This pressure/urge is caused by the large size of the tumor pressing on his colon.

At this time, this subject is experiencing a controlled, tolerable level of pain without the use of any narcotic pharmaceuticals. He is able to function with mental clarity, which was not possible when taking the narcotic medications. The amount of rectal mucous has increased more in the past two days than it had been in the past two weeks; however, it is no longer thick and bloody. The excretion is now nearly clear with just traces of blood. The odor has decreased as well. He is no longer feeling the same level of pressure to evacuate his bowel. Although he does still have the pressure, he states that the pressure seems less intense.

#### Report of 7/19/10

This subject had obtained total pain relief; however, he ran out of his elixir and the pain exacerbated. He was provided a rectal/enema application of the formula which decreased his pain 50% during the one week he was without the oral elixir. Since using the rectal preparation, he has experienced increased shedding of the tumor. He is now back on the oral elixir as well as the enema preparation; his pain level has improved greater than 50% and continues to improve with each day.

#### Report of 7/30/10

The pain level of this patient has decreased greater than 75% at this time. He continues to use the elixir, and the enema formula. He states he is passing larger amounts of tissue and drainage. He feels this is greater shedding of the tumor since he feels less pressure. He is able at this time to participate in

his routine daily activities.

Subject #3: White female, age 25. Diagnosed with colorectal cancer Stage IV

This patient began trial treatment 6/24/10

This is a young mother of two small children ages 3 and 7. She had been unable to eat and had increased sleeping. She was weak and without energy and was losing her hair. She is taking chemotherapy of 5FU/Oxliplatin one time per week every other week. The chemo had been leaving her without appetite, nauseated and weak. Once she began the trial treatment, she immediately felt more energized and had need for only one short nap in a day. Her appetite has increased significantly, and although she is on her third chemo regimen, she feels no fatigue, no nausea and is having no hair loss..in fact she is up and dancing to music on the radio with her children. Her mood and affect is very happy and her skin color is healthy. She is able to evacuate her bowel with normal appearing stools and without pain. She will have additional diagnostic testing at the end of August. We will have measurable clinical data available to us at that time.

Report of 7/19/10

This subject has made tremendous progress since using the elixir formula. She has provided a video of herself, telling briefly of her cancer and treatment history. She continues to improve daily. Her appetite is good and her weight is stable. Her skin coloring is healthy and her energy level is high. Her affect is very happy and no depression is demonstrated. Bowel evacuation is normal and without drainage and/or blood. She has no complaints of pain or discomfort.

Youtube testimony in the words of this very same patient:

Cancer and the power of THC free marijuana oil, amazing results!!!

<http://www.youtube.com/watch?v=81l6r0JR6cc>

Report of 7/30/10

A second video has been provided by this subject due to the extreme improvement in her condition. She stated that when she took her last chemo, she was the only patient there that did not feel or appear sick. She has been able to resume sexual activity with her spouse without pain or discomfort. Her spouse states that prior to using the oil formula, sexual encounters were seldom, and great care had to be taken not to cause extreme pain; since using the formula, no pain is experienced during intercourse. The lack of pain is assumed to be due to a reduction in the size of the tumor. Diagnostic testing is expected on 8/2/10, at which time clinical documentation will be available.

Update:

Cancer and the power of THC free marijuana oil, amazing results!!!

<http://www.youtube.com/watch?v=Wim0LeKZ0fM>

Subject #4: White male, age 56 diagnosed with Squamous cell carcinoma of the back tongue.

This patient began trial treatment 6/22/10

Both the oral elixar and two forms of topical application were sent to this patient for trial.

This patient's cancer has created tumors on both sides of his neck just below the jaw bone. The tumor on the left had exited the skin, is raw, bloody and excreating large amounts of pus-like mucous. Due to the tumor in the back of the throat, this patient has great

difficulty articulating verbally. His words are not clear or discernable most times. At the onset of treatment the exposed tumor resembled a large baking potato measuring 19.5 CM at the top, 21 CM at the lowest point, and a depth of 8.5 CM. After 5 days of treatment, the tumor now measures 17 CM at the top most point, 16 CM at the lowest point, and 7.5 in depth. The patient states the tumor is beginning to "flatten out", creating crevices in its surface. His speech is much more discernable and clear now, which could be the result of the tumor placing less pressure on the back of his tongue, allowing him to better articulate and manipulate his tongue for speech. Pictures are pending and will be sent upon receipt from the patient.

Due to the apparent success with the treatment for the conditions mentioned above, it is intended to extend the study to other conditions such as Alzheimers, Peripheral Artery Disease, and Diabetes. Once those trials begin, progress notes will be made available to Rev. Brumfield. Clinical data from diagnostic testing will also be made available once acquired.

Report of 7/19/10

The tumor on the left side of this subject's neck has begun to exhibit greater drainage. The tumor bleeds easily when bumped or rubbed. Due to the drainage, the tumor has not been measured to determine whether or not any additional decrease in size has taken place. A new dressing procedure was implemented 7/17/10 in an effort to decrease the amount of drainage occurring and to strengthen the outer layer of the tumor surface. Once the dressing is removed, new measurements will be provided.

Report of 7/30/10

New pictures and new measurements are pending for this subject. He reports that the surface of the tumor has become less sensitive and fragile since using the new

dressing procedure. The bleeding has completely stopped. This tumor involves his carotid artery and places him at great risk for hemorrhage; therefore, he has avoided travel or activities that would place him any distance from emergency services. At this time he plans a cross-country automobile trip due to the cessation of the bleeding. He states he is now able to do such activities that he did not feel safe in doing prior.

Respectfully,

Carol G ## , RN BSN

CONTINUES:

#### **US GOVERNMENT PATENT ON CBD COMPOUNDS**

We are seeing exciting reports that the Cannabinoid compounds are the healer within the Cannabis plant to a much larger extent than simply the THC alone. In Patent No.US 6,630,507 B1 issued: Oct. 7<sup>th</sup>, 2003 the abstract states in part,

"The cannabinoids are found to have particular application as neuroprotectants, for example in limiting neurological damage following ischemic insults, such as strokes and trauma, or in the treatment of neurodegenerative diseases, such as Alzheimer's disease, Parkinson's disease and HIV dementia."

See link:

<http://www.leavesofgrass.info/info/cbd-patent.pdf>

CONTINUES:

#### **NEUROGENESIS STUDY**

We found this abstract of a recent news release:

## Cannabinoid receptor CB1 mediates baseline and activity-induced survival of new neurons in adult hippocampal neurogenesis

Susanne A Wolf , Anika Bick-Sander , Klaus Fabel , Perla Leal-Galicia , Svantje Tauber , Gerardo Ramirez-Rodriguez , Anke Muller , Andre Melnik , Tim P Waltinger , Oliver Ullrich and Gerd Kempermann

Cell Communication and Signaling 2010,  
8:12doi:10.1186/1478-811X-8-12

Published:17 June 2010 Abstract (provisional)

### Background

Adult neurogenesis is a particular example of brain plasticity that is partially modulated by the endocannabinoid system. Whereas the impact of synthetic cannabinoids on the neuronal progenitor cells has been described, there has been lack of information about the action of plant-derived extracts on neurogenesis. Therefore we here focused on the effects of delta-9-tetrahydrocannabinol (THC) and Cannabidiol (CBD) fed to female C57Bl/6 and Nestin-GFP-reporter mice on proliferation and maturation of neuronal progenitor cells and spatial learning performance. In addition we used cannabinoid receptor 1 (CB1) deficient mice and treatment with CB1 antagonist AM251 in Nestin-GFP-reporter mice to investigate the role of the CB1 receptor in adult neurogenesis in detail.

### Results

THC and CBD differed in their effects on spatial learning and adult neurogenesis. CBD did not impair learning but increased adult neurogenesis, whereas THC reduced learning without affecting adult neurogenesis. We found the neurogenic effect of CBD to be dependent on the CB1 receptor, which is expressed over the whole

dentate gyrus. Similarly, the neurogenic effect of environmental enrichment and voluntary wheel running depends on the presence of the CB1 receptor. We found that in the absence of CB1 receptors, cell proliferation was increased and neuronal differentiation reduced, which could be related to CB1 receptor mediated signaling in Doublecortin (DCX)-expressing intermediate progenitor cells.

#### Conclusion

CB1 affected the stages of adult neurogenesis that involve intermediate highly proliferative progenitor cells and the survival and maturation of new neurons. The pro-neurogenic effects of CBD might explain some of the positive therapeutic features of CBD-based compounds.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2898685/pdf/1478-811X-8-12.pdf>

#### CNN Video: Marijuana & Alzheimer

Researcher Dr Maria de Ceballos said: "These findings that cannabinoids work both to prevent inflammation and to protect the brain may set the stage for their use as a therapeutic approach for Alzheimer's disease."

[http://www.youtube.com/watch?v=Fx7Sv2Wm4fk&feature=player\\_embedded](http://www.youtube.com/watch?v=Fx7Sv2Wm4fk&feature=player_embedded)

#### BBC Video: Cannabis and Human Evolution

An excerpt from the BBC series Horizon: Cannabis - The Evil Weed

<http://www.youtube.com/watch?v=QGKpbqXwg84>

CONTINUES:

## 12 Minutes with Dr William Courtney

A monumentally important symposium held in Mendocino Sept 2008 is one important step in undoing the damage done to a plant that EVERYONE should regard as nature's greatest gift to humanity, none of us should be rejecting it. According to Dr Courtney, for optimum health, cannabinoids should be 2<sup>nd</sup> only to water in our diets.

<http://www.youtube.com/watch?v=GQMgQUo-1ng>

CONTINUES:

OPINION OF ATTORNEY AT LAW ON THE MEDICAL EFFECTIVENESS OF CBD

[Is There Anything CBD Can't Do? Then Why Is It Illegal?](#)

By Paul Armentano: National Organization for the Reform of the Marijuana Laws; Deputy Director

While cannabis prohibition is absurd, the ban on the plant's non-psychoactive components is even more mind-boggling, particularly when it's clear these compounds possess amazing therapeutic properties.

Case in point: cannabidiol (CBD). A just published scientific review by Sao Paulo University (Brazil) researcher Antonio Zuardi reports that there's been an "explosive increase" of interest in CBD over the past five years. Here are a few of these actions in detail.

1. Antiepileptic: "In 1973, a Brazilian group reported that CBD was active in blocking convulsions produced in experimental animals."

2. Sedative: "In humans with insomnia, high doses of

CBD increased sleep duration compared to placebo."

3. Anxiolytic (anti-anxiety): "CBD induce[s] a clear anxiolytic effect and a pattern of cerebral activity compatible with an anxiolytic activity."

4. Antipsychotic: "[C]linical studies suggest that CBD is an effective, safe and well-tolerated alternative treatment for schizophrenic patients."

5. Antidystonic: "CBD had antidystonic effects in humans when administered along with standard medication to five patients with dystonia, in an open study."

6. Antioxidative: "CBD can reduce hydroperoxide-induced oxidative damage as well as or better than other antioxidants. CBD was more protective against glutamate neurotoxicity than either ascorbate or a-tocopherol, indicating that this drug is a potent antioxidant."

7. Neuroprotective: "A marked reduction in the cell survival was observed following exposure of cultured rat pheochromocytoma PC12 cells to beta-A peptide. Treatment of the cells with CBD prior to beta-A exposure significantly elevated the cell survival."

8. Antiinflammatory: "CBD, administered i.p. (orally) has blocked the progression of arthritis."

9. Cardioprotective: "CBD induces a substantial cardioprotective effect."

10. Action on diabetes: "CBD treatment of NOD (non-obese diabetic) mice before the development of the disease reduced its incidence from 86% in the non-treated control mice to 30% in CBD-treated mice. · It was also observed that administration of CBD to 11-14 week old female NOD mice, which were either in a latent diabetes stage or had initial symptoms of diabetes,

ameliorated the manifestations of the disease."

11. Antiemetic: "The expression of this conditioned retching reaction was completely suppressed by CBD and delta9-THC, but not by ondansetron, [an] antagonist that interferes with acute vomiting."

12. Anticancer: "A study of the effect of different cannabinoids on eight tumor cell lines, in vitro, has clearly indicated that, of the five natural compounds tested, CBD was the most potent inhibitor of cancer cell growth."

In sum, the past 45 years of scientific study on CBD has revealed the compound to be non-toxic, non-psychoactive, and to possess a multitude of therapeutic properties. (Closing remarks deleted, Ed.)

<http://blog.norml.org/2008/10/09/is-there-anything-cbd-cant-do-then-why-is-it-illegal/>

CONTINUES:

[Medical Cannabis, Past & Future, with Michael Aldrich, PhD](#)

Michael Aldrich, PhD, looks back to 1964, tracing the roots of the "marijuana movement" in America and Dr. Raphael Mechoulam's isolation of THC in Israel. Citing new science and research since the "discovery" of the Endo-Cannabinoid System in 1989 and its role throughout the body, Dr. Aldrich examines medical Cannabis in the 21st century, anticipating many aspects and applications of this remarkable plant.

[http://www.youtube.com/watch?v=EMQSuFlt1kM&feature=Playlist&p=6006D83DD0BE9D5C&playnext\\_from=PL&playnext=1&index=7](http://www.youtube.com/watch?v=EMQSuFlt1kM&feature=Playlist&p=6006D83DD0BE9D5C&playnext_from=PL&playnext=1&index=7)

CONTINUES: PATIENTS OUT OF TIME PRODUCTION

[Cannabinoid System in Neuroprotection, Raphael Mechoulam, PhD Professor at Hebrew University in Jerusalem](#)

Dr. Mechoulam describes the role of Cannabinoids as anti-inflammatory for arthritis, as neuroprotectants for brain injury and as a possible treatment for PTSD. Dr. Mechoulam first isolated THC in 1964

[http://www.youtube.com/watch?v=ZI2VT2kOfnM&feature=player\\_embedded#!](http://www.youtube.com/watch?v=ZI2VT2kOfnM&feature=player_embedded#!)

CONTINUES:

[The New Settler Interview with Dr. William Courtney - a cannabis physician.](#)

In this in-depth interview one salient point of interest, along with the importance of the healing aspects of the CBD compounds, is that if left unheated the THC is left in the natural state of THCA (an acid) and is not a euphoric or mind altering in its effects upon brain activity.

<http://leavesofgrass.info/info/newsettler.pdf>

[The New Settler Interview with Kristen Peskuski - I Feel Like Marie Curie](#)

In this same issue - an in-depth interview with Dr. William Courtney's young (and now healthy) wife Kristen Peskuski a cannabis researcher who relates her struggle to achieve healing by searching and acting upon the truth and finding motherhood with the successful birthing of their daughter Zahiyah. A true love story that heals the body and warms the soul and tells what

type of juicer to buy for their discovery of the incredible curative power found in sipping a small amount of the leaves daily.

<http://www.leavesofgrass.info/info/kristen.pdf>

CONTINUES:

#### YOUTUBE HEMP OIL HEALING SKIN CANCER

A newly released youtube testimony is an interesting collage of information on the fascinating subject of THC and CBD naturally occurring healing compounds produced by the cannabis plant.

Cured: A Cannabis Oil Story (A film by David Triplett)

[http://www.youtube.com/watch?v=JPm0Jq9bj98&feature=player\\_embedded](http://www.youtube.com/watch?v=JPm0Jq9bj98&feature=player_embedded)

CONTINUES:

#### GERMANS GROWING CANNABIS COMMERCIALY IN ENGLAND

##### [Where does GW Pharmaceuticals grow cannabis?](#)

A mixture of the THC & CBD in approximate 50/50 ratio is now being marketed as Sativex. This German manufacturer obtained their license for their operation in England to produce this blend of natural compounds by adding propylene glycol to the resultant extract.

<http://www.gwpharm.com/faqs.aspx>

##### [UK: Sativex now available in pharmacies](#)

According to a press release by GW Pharmaceuticals the cannabis extract Sativex is now available in the UK. It is a liquid whole plant extract sprayed into the mouth and used for the treatment of spasticity due to multiple sclerosis. Each spray is containing 2.7 mg THC

(dronabinol) and 2.5 mg CBD (cannabidiol). Sativex is manufactured by GW at an undisclosed location in the UK. The medicine is being marketed in the UK by Bayer Schering Pharma. According to a press release by Bayer the price for a 10 ml vial is 125 British Pounds (about 150 Euros, about 185 US Dollars).

<http://www.gwpharm.com/UK%20Launch.aspx>

Sativex - Inside the UK grow rooms (BBC report)

<http://www.youtube.com/watch?v=8C6dNlOegE>

Sativex receives regulatory authorization in Spain

<http://www.pharmalive.com/News/index.cfm?articleid=719884&categoryid=29>

IACM Bulletin - 18 July 2010

International Association for Cannabis as Medicine

"Each vial of 10 ml of Sativex contains approximately 90 sprays, which means that a vial contains about 243 mg THC. One milligram of THC would cost about 0.62 Euros (about 0.76 US Dollars). The price of Marinol (THC) in the USA depends on package size and is about 2.20 US Dollars per mg (1.80 Euros). The price of THC (dronabinol) in Germany is about 0.80 Euros per mg. The price of 1 gram of cannabis extract of the German company THC Pharm with 630 mg THC, made available to patients with an exemption to use cannabis in Germany is 225 Euros, making 1 mg costing 0.36 Euros. The price of THC in the cannabis variety Bedrocan (19 per cent THC, 9 Euros per gram) sold in Dutch pharmacies is about 0.05 Euros/mg."

[http://cannabis-med.org/english/bulletin/ww\\_en\\_db\\_cannabis\\_artikel.php?id=326](http://cannabis-med.org/english/bulletin/ww_en_db_cannabis_artikel.php?id=326)

[John Stossel-Medical Marijuana-Montel Williams-Sativex  
http://www.youtube.com/watch?v=2BC2-DuMzoQ](http://www.youtube.com/watch?v=2BC2-DuMzoQ)

CONTINUES:

#### COLORADO CANNABIS MARKET REPORT

Cannabis Science, Inc. (CSI) is at the forefront of pharmaceutical grade medical marijuana research and development. CSI works with world authorities on phytocannabinoid science targeting critical illnesses, and adheres to scientific methodologies to develop, produce, and commercialize phytocannabinoid-based pharmaceutical products. In sum, CSI is dedicated to the creation of cannabis-based medicines, both with and without psychoactive properties, to treat disease and the symptoms of disease, as well as for general health maintenance.

CSI's Chief Executive Officer is Dr. Robert Melamede, formerly a professor at the University of Colorado, where he taught a unique course of instruction on the endoid cannabiniis system in the human body. "Dr. Bob" is considered one of the leading world's authorities on this subject.

[Cancer Cure - Cannabis & Cannabinoids,by Robert  
Melamede, PhD  
http://www.youtube.com/watch?v=n31Nuj\\_AvTg](http://www.youtube.com/watch?v=n31Nuj_AvTg)

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## Research & Development

Endocannabinoids are marijuana-like compounds that are produced by most animals, including all vertebrates. Quite surprisingly, the endocannabinoids system has an all-pervasive role in maintaining homeostasis (biochemical balance). All living creatures suffer from a common biochemical imbalance, we are all aging. Today, in developed countries, most people suffer and die from age-related illnesses including cardiovascular diseases, autoimmune diseases, neurological disorders, and cancers. Modern science from an abundance of peer-reviewed publications indicates that stimulating the endocannabinoid system benefits all of these conditions.

We understand what patients need and want. As a result, the Company offers the savvy investor a novel opportunity to participate in producing groundbreaking products that will impact some of the most important medical concerns of our times. In addition to targeting the billion dollars a year pain management industry, the Company is uniquely positioned to develop products for high blood pressure, cancer, HIV, and the bird flu. Cannabis Science™ is in a unique position to pursue the development of blood pressure and cancer medications. The endocannabinoid system normally regulates blood pressure through its capacity to dilate blood vessels and reduce adrenergic stimuli. Additionally, there is a developing body of evidence that shows both the tumor killing properties of endo- and phyto- cannabinoids, and their ability to inhibit metastasis in a variety of cancers.

Cannabis Science™ works with world authorities on phytocannabinoid science developing cannabis-based therapeutics that will holistically promote health by restoring biochemical balance. By adhering to underlying scientific principles, the Company will

manipulate all-pervasive phytocannabinoid processes to target a variety of disparate illnesses.

An emergent global threat is that the bird flu, a strain (H5N1) of influenza A, will evolve to infect human beings. The typical yearly variation in flu strains has been an ongoing challenge and concern to researchers developing preventative and therapeutic products. The high degree of variability found in the influenza A virus is an intrinsic property of the virus's chromosomal structure and how it replicates. Overcoming the difficulties encountered in this field take on even greater importance with the threat of the bird flu jumping species into the human population. The bird flu differs from other strains by its enhanced capacity to kill infected individuals. The common cause of death with this strain is that patients developed adult respiratory distress syndrome (ARDS). ARDS is in excess inflammatory response that leads to apoptosis and organ failure. The Company's approach will mimic how the human body uses endocannabinoids to regulate immune activity and cell survival.

The magnitude of the bird flu threat is so great that positive results from this arm of our research would greatly facilitate the acceptance of our cannabis-based pharmaceuticals. There should be highly profitable additional applications that result.

More recently, revolutionary scientific breakthroughs in understanding the HIV infective and developmental processes have been discovered that will lead to entirely new therapeutic approaches.

Cannabis Science™ is uniquely positioned to explore insights that indicate an intrinsic link between novel cancer and HIV technologies and the cannabinoid system. Published experiments by a leading AIDS researcher, Dr. Donald Abrams, suggest that counter to conventional wisdom, smoked marijuana does not result in an increased HIV viral load. In fact, there were suggestions of a reduced viral load. We expect to show that our pharmaceuticals will enhance biochemical

markers that are indicative of a successful HIV therapy based on recent paradigm breaking discoveries.

Overall, our product development will follow two parallel paths. We will create pharmaceuticals with and without psychoactive properties. Both of these lines will have numerous health benefits for treating illnesses and for general health maintenance. Both psycho and non-psychoactive products with demonstrated therapeutic efficacy for these globally important illnesses will facilitate entry first into the Canadian marketplace. Proven efficacy in the Canadian market should then open the US and global markets.

<http://www.cannabisscience.com/research-a-development.html>

#### Company Officers

Robert Jean Melamede, CEO, Dir.

Richard Cowan, CFO, Dir.

Mark Friedman, IR

#### Number of Employees

10 as of Jun 17, 2010

#### Reporting Standard

U.S. Registered & Reporting: SEC Filer

CIK

0001024626

#### Investors Overview

##### Fiscal Year End

12/31

##### Estimated Market Cap

\$4,225,037 as of Jul 23, 2010

##### Outstanding Shares

65,000,574 as of Jun 17, 2010

##### Authorized Shares

250,000,000 as of Jun 17, 2010

##### Float (shares)

24,000,000 as of Jun 17, 2010

##### Number of Shareholders of Record

1,754 as of Jun 17, 2010

Price per share as of July 26, 2010

.077

<http://www.cannabisscience.com/investor.html>

[Medical Marijuana Stock](#)

[http://www.youtube.com/watch?v=bi6-sKKD\\_Zc](http://www.youtube.com/watch?v=bi6-sKKD_Zc)

CONTINUES:

MEDIA NEWS REPORTS

[How Marijuana Became Legal](#)

Medical marijuana is giving activists a chance to show how a legitimized pot business can work. Is the end of prohibition upon us? CNNmoney.com September 11th, 2009 Fortune magazine.

[http://money.cnn.com/2009/09/11/magazines/fortune/medical\\_marijuana\\_legalizing.fortune/index.htm?postversion=2009091116](http://money.cnn.com/2009/09/11/magazines/fortune/medical_marijuana_legalizing.fortune/index.htm?postversion=2009091116)

[New marijuana strains offer relief without the high](#)

ABC-KGO Bay Area News: 7.29.2010

<http://abclocal.go.com/kgo/video?id=7583325>

[Dr. Claudia Jensen on ADD & ADHD Relief through Cannabis](#)

<http://www.youtube.com/watch?v=yj72e5q61Fs&feature=related>

[Sam's Story: Medical Marijuana and Autism](#)

[http://www.youtube.com/watch?v=BjhNU20a\\_4g](http://www.youtube.com/watch?v=BjhNU20a_4g)

Medical Marijuana Stops Spread of Breast Cancer-  
<http://www.youtube.com/watch?v=FNerRVJklsg&sns=fb>

CNN Anderson Cooper interviews Melissa Etheridge  
<http://www.youtube.com/watch?v=fvGKZQQskLQ>

Rabbi Eric Cytryn: PA HB 1393 medical marijuana  
hearings  
<http://www.youtube.com/watch?v=kuwsxuvTGGU>

CONTINUES:

What if Cannabis Cured Cancer (trailer)  
<http://www.youtube.com/watch?v=pnP8IugJCHM>

Sausalito Film Festival August 13-15.2010  
What if Cannabis Cured Cancer  
Bay Area Premiere Directed by Len Richmond

Could the chemicals found in marijuana prevent and even heal several deadly cancers? Could the tumor regulating properties of cannabinoids someday replace the debilitating drugs, chemotherapy, and radiation that harms as often as it heals? Discover the truth about this ancient medicine as world-renowned scientists in the field of cannabinoid research explain and illustrate their truly mind-blowing discoveries.  
<http://lenrichmondfilms.com/>

CONTINUES:

ALSO ANOTHER UNIVERSAL HEALER:

We strongly recommended the scripts published by J. D. Wallach, BS, DVM, ND and Ma Lan, MD, MS in their book: Let's Play Doctor. We suffered with three medical conditions; 1) distressed bowel syndrome 2) hemorrhoids 3) swollen prostate. After following the scripts in this book for these conditions all of those problems were eliminated in 90 days with no recurrence. When this world famous animal pathologist was first met we obtained this book in 1996 to begin the program; at that time this celebrated lecturer and nutritional supplement expert was producing just one vitamin/mineral liquid complex. This company is now an extremely successful MLM with an astounding gamut of full ranging products to consider for improving or maintaining a healthy and robust lifestyle.  
[www.youngevity.com](http://www.youngevity.com)

We specifically recommend this product:

Ultimate Tangy Tangerine® Item Code # : 13221

The most advanced liquid vitamin, mineral, and amino acid supplement on the market. The unique properties make it the ultimate in absorption and completeness. 32 oz

[The MLM application fee for accessing these goods is only \$10 paid to the manufacturer through our service.] To get your application for direct home delivery for these phenomenal lines of health improving and healthy lifestyle maintenance products email:

[dietarysupplement@universalorthodox.org](mailto:dietarysupplement@universalorthodox.org)

#### FINAL STATEMENT:

The Mission of the Universal Orthodox is to provide healing services for those in pain and suffering and as means to support our eleemosynary purpose to help those

who are destitute. Our intention is to continue with clinical trials of this (CBD) cannabinoid plant extract agriculturally processed in a California. All patient files will be monitored with authoritative pharmacological prescription review of standard medical laboratory test results through active case management by a licensed physician beginning with chart creation and followed with registered and/or professional nurse care reports. All patient names and addresses will be under benefit of clergy for the strictest of all confidences. Should a lawful call arise to exhibit our voluntary compliance with FDA guidelines these names and addresses will be redacted.

Animals get old and then become infirm and hurt too. We are developing a program for helping your companions under veterinarian supervision. We intend to work with Cannabis Science, Inc. to develop dog and cat food for the purposes of continuing animal study research and development in the United States. To begin the process of registration for our developing clinical trial programs email:

THCA/CBD-clinicaltrial@universalorthodox.org

IN CLOSING: Video art that speaks of our prayers

O death, won't you spare me over to another year  
[http://www.youtube.com/watch?v=KWz9gx188mo&feature=player\\_embedded](http://www.youtube.com/watch?v=KWz9gx188mo&feature=player_embedded)

One Love | Playing For Change | Song Around the World  
<http://www.youtube.com/watch?v=4xjPODksI08>

Tree of Life  
[http://www.youtube.com/watch?v=kZD5t0toQts&feature=player\\_embedded](http://www.youtube.com/watch?v=kZD5t0toQts&feature=player_embedded)

[er embedded](#)

[Ain't You Gotta' Right](#)

<http://www.youtube.com/watch?v=e0IrwL5Ge8w>

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