

- 5 Reduce Illness Powerful Anti Tumor - Guard the Brain
 6 Reduce Damage from Binge Drinking.
 Recent Compassion Characters - Protect on Tech Brains
 His "Eureka" moments had to write that book
 Assertion - Mis good for Human Health
 7 CBD delays Diabetes - Walked around house - Thought his head would explode from all the learning.
 8 Interrupt a Number of Disease Processes
 The Plants carry no antibiotic to species excess/death - away to perceive the whole + feel like they are living more with less material consumption.
 9 Whole E.C. system would not have been discovered without hippies/ recreational use.
 Biological regulatory system
 10 Mechanism - C. regulates nearly All Systems in body of
 When we started this we had no idea how right we were - or exactly why.
 Molecular Structure of CBD was mapped first - Israel
 Then "only Delta 9 THC affected the monkeys"
 11 Discovered surprising extent of endocannabinoid regulation
 Revealing a whole physiological control system in the body
 Great Michael Pollan Nobel Prize Quote
 12 Cannabinoid Receptors Relay signals through the cell membrane
 13 Opposite of Devil Weed - Natural Ally of the human Body to help prevent many terrible things.
 14 Reduces chance of lung cancer.
 15 1975 Virginia Cancer research - was in convenient to W.O.D.
 Shortly after - N.I.D.A. was given to test the control - only research could bear both harm.
 16 Greatest Advances - from studies directly structured to prove harm.
 17 37% Reduction in chance of Lung Cancer in Chronic Smokers
 18 Taskin - cancer - "a little bit less" failed to find an association
 Reverses - after 30 years - In favor of legalization (22)
 19 Colon Cancer in the Family - use Pot
 Anti-Inflammatory
 20 Lymphoma, Brain Cancer, Gersh oil -> Skin Cancer

- 21 - Breast Cancer.
 22 - Cannabinoids target Cells - through actions Mediated by receptors - but also - directly attacks - in ways even anandamide does.
 More comments from the industry about Marijuana, Gateway To Health:
 23 Marijuana part of a healthy, cancer resistant lifestyle.
 "Billions of dollars' worth of pharmaceuticals are based on opium and cocaine, yet the active ingredients of marijuana are shunned. If just 5% of Werner's claims regarding the clinical benefits of cannabinoids are true, why are governments and drug manufacturers so intransigent about marijuana? Can 'pot' be more dangerous—and less beneficial—than legally distributed Oxycontin, ephedrine, Percocet or Valium?"
 —Laurie Garrett, author of *I Heard The Sirens Scream: How Americans Responded to the 9/11 and Anthrax Attacks*
 24 Users - Reduced Cancer of Head & Neck -
 "Clint Werner argues forcefully that the health benefits of marijuana far exceed its dangers. Much of the evidence is preliminary, but it adds up to a call for professional, large-scale scientific research to assess this ancient and ever more popular herb."
 25 Alzheimer - Robert Bazell, author Her-2: The Making of Herceptin, a Revolutionary Treatment for Breast Cancer
 - is the euphoric effect so dangerous?
 "Loaded with footnotes and packed with information, *Marijuana Gateway to Health* will teach any skeptic how medical marijuana heals people." —High Times Magazine
 26 Euphoria in - suggest that it is better to die of Cancer than Alzheimer
 If government policy is ever based on science instead of Big Lies, this book contains the science it will be based upon. Buy a copy before you get old. Buy a copy for your doctor!"
 "It might actually work" — Michale and Michelle Aldrich,
 27 Works in several ways - The Aldrich Archives, San Francisco
 28 Why So Wrong? The Egregious Monkey Suffocation Studies
 "Clint Werner's book, *Marijuana Gateway To Health* is packed with scientific revelations about cannabis—a real eye opener and a must read. It is refreshing to see the truth!"
 29 Did research - Brad Lane, Executive Producer, Cannabis Planet TV
 on an ineffective cannabinoid - to discredit other
 "The compilation of scientific studies in this book is just superb. I can't wait to see how *Marijuana Gateway To Health* changes the world as we know it" —Angela Fairless, LaRoach.com
 30 Works for Brain Injury & Traumatic Brain Injury
 31 Should begin to NFL Players after each game & practice.
 Same for Soccer Players
 32 For ALS - C-11 like a complex drug cocktail
 33 Yes! Data on C protecting brain of binge drinkers
 Universities should require pot to be present if alcohol is consumed.

42 - Stress - Causes Disease - It "Laughter is the best medicine than M
Is a great delivery device."

43 - music - ~~a~~ a three dimensional, almost sculptural quality,
Aid to prayer and meditation.

43 - ~~protection~~ ^{from} ~~of GI tract~~ ^{gut} ~~inflammation~~ Clint Werner's *Marijuana: Gateway to Health* sets a new milestone in the understanding of marijuana as medicine. This book is a masterpiece—clearly written, well documented, and it pushes back against the ill-conceived propaganda against these useful plants. Any skeptic is well advised to read this book before voicing an opinion. I highly recommend this book!"

-Paul Stamets, author *Growing Gourmet and Medicinal Mushrooms and Disease*
44 - ~~M~~ melts stress away like sun on snow. and Mycelium Running

"Marijuana: Gateway to Health is a refreshingly readable book that engages the reader from page one. Werner brings to life the story of how marijuana's medical benefits have been discovered, covering all the bases and putting clinical studies into their proper, broader perspective. A terrific book with heart and soul."

CBD - Does Not bind to a receptor? a modulating agent
"Clint Werner demonstrates numerous qualities of medicinal cannabis with well-documented research and dispels myth after myth. *Marijuana Gateway to Health* delves into everything from Alzheimer's to the War on Drugs with important details on monumental discoveries about the endocannabinoid system and how it can prevent disease and pain. If you want to know about medical marijuana today, this is the best source of information. I keep my copy on my desk!"

Jorge Cervantes, author *Marijuana Horticulture*, photographer

"Marijuana Gateway to Health blends a clear and concise overview of the science supporting cannabis as medicine with an engaging account of the politics of prohibition that still keeps it from patients. Werner shows just how cruel and counterproductive federal marijuana policy is. This book should be required reading for all medical professionals, elected officials, and everyone interested in health and wellness."

Andrew Weil, M.D. author

Diabetes - CBD can prevent it, can protect Heart & Eyes
Spontaneous Healing and Spontaneous Laughter
"Marijuana Gateway to Health documents important and hitherto under-reported scientific discoveries and developments concerning the endocannabinoid system and how it influences health and wellness."

47 - Strong Anti Epileptic Properies University of California San Francisco
highly antagonists to Breast Cancer Cells - If it shows good results - funding is cut.

50 - 120 Terpenoids also occur in other plants / Have health effects Dogs Beta-caryophyllene
75 + cannabinoids - only in Cannabis

51) Terpenoids - can counteract (by producing enzymes to detoxify. The harmful polycyclic hydrocarbons in smoke. John H - Smoking pot is protecting lungs.

52 - 23 Flavonoids which also have medical usefulness - kill cancer
-2 are unique to Cannabis

Smoking works - Vaporization may deliver more flavonoids Plants could be bred with exactly the cannabinoid/Terpane/ Flavonoid mix that helps one the most - or/and makes one feel the best. - When Law Changes.

57 - Story of Rimbonant - Cannabinoid Deprivation Syndrome once - can be cured in UK - 56 countries, suicide, psychiatric events, nausea, vomiting

56 Amazing - Horrible list of Side Effects
58 - CBI Knock out mice were created. Very anxious & not healthy

57 - mice - Reduced ability to forget traumatic experiences.
Some times die without anything clearly wrong..

58 - Russo Clinical Endocannabinoid Deficiency
59. C. can't kill you → but C. deprivations syndrome could

MARIJUANA GATEWAY

HISTORY

Food Fuel Medicine Sacraments Textiles and Rope - For 6000 years at least China "supreme elixir of immortality"
2500 Tombs - one top guy had 1½ lbs of bud with him.

65 - Most was Tincture - joints were manufactured as bronchiodilators used for indigestion right up until it was banned.

66 Anslinger realized Fed. agents would be jobless - Jumped on it First (State) laws against M were to set up the police state - Re: Marijuana

67 - Anslinger was arresting a lot of people in New York City.

67 - Another complete switch - like gateway
Violence Before - superhuman killers - After - too passive to resist the committee.

68 - Tod Mykavaya - head of NIMH?

69 - Mechoulam - 1964 isolated identified synthesized THC

70 - Grinspoon set out to get the data on how bad it was for Harvard Students brain & Sotney would not do it.

71 Dr. Weil found regular users performed better on some tests. Peak is at 2½ hr ~ lasts 3 hours

Hollister found M makes you happy Intoxicated (3) Sleepy Leary's suit knocked out the "Tax Act" & brought it into the world no federal laws against growing selling using M
50 - if parents can't legalize it at Federal level

- 72 S.C. pot laws Nixon's favorite tools to express youth culture
 73 Schaefer Commission ~~Totally undermined reefer madness.~~
 74 WOW - Schaefer evidence was part of the C.S.A. - totally determine scheduling - Then Nixon rejected it.
 75 - THC - 1975 - Virginia "T HC demonstrated a dose dependent reaction of retarded tumor growth.
 81 DEA finally ordered to conduct hearings - delayed it 8 more years
 82 S.S. - Reagan-like Nixon - Viewed it as a "symbol of unpatriotic rebellion"
 - The Parent Groups phenom. - NOT like ACT which cares about kids - they thought harsh punishment would deter kids
 84 - CAMP forced growing to go indoors - a combination of an art a science and a spiritual practice.
 85 - For website - A report-like Schaefer - Nat'l Academy of Sciences
 86 Irr Rosenfeld - Not only pain - it reduced the growth of his tumors
 NIDA & govt use marinol to block the plant.
 92 Wow! Govt offered to hold hearings if ACT & NORML would allow marinol to come out.
 13 Instafer got hearings - Activists were NOT optimistic in front of the DEA's own Judge.
 94 Judge Young ruled that it Does have Medical Use in US. That - plus Schaefer.
 Young: 1) Safest Therapeutically active substance AND
 "Smoked M offers important clean advantage over Marinol"
 95 John Henry - weight.
 96 - Absolute evil John L. AWN - The Devil - ended career as rep. for alc. industry. Carefully timed rejection
 97 But they Raided Donn's Peron - Low dragged down the stairs. WRONG Thing to Do.
 98 - Randall was a great warrior. ~~Sentenced to~~
 100 Story of Tenkes couple - AIDS - 3 felowes, care for one another. Randall 500 hours loving and caring for each other. set up an AIDS package Application that would take less than an hour - MANY were approved - but - as always - DEA lost the paperwork.
 101 - 1991 Dublin got it out that most oncologists favored cannabis.
 103 - Even ONDCP staffers are human - call in Compassion Then staff blocked the complete end of Compassionate IND.
 106 Peron's revenge - passes ballot issue at 78% then opens Buyers Club.

- 107 Dr. Abrams partner - used only C-outlined 3 support groups.
 108 Brownie Mary Busted - Said go fuck yourselves - Would not stop.
 109 Peron runs a huge Cannabis Buyers Club. Many Activities 10,000 members
 110 Prop 215, 1996, 56%

MARIJUANA

- Janet Reno Threatens Doctors
 119 Abrams Finally given grant to study possible Harm of using pot or marinol.

122 McCaffrey was forced to do the IOM Study - IOM Study said that cannabis was medicine - esp for AIDS - Govt just ignored & attacked again.

123 Abrams Study - Showed immune system improved.

- 135 Hardly anyone is conducting research on the benefits of cannabis for human beings - Studies use synthetic cannabinoids on animals -

GATEWAY TO HEALTH

137 Realize it's a tale told by an idiot - HOW CANNABIS PROTECTS US FROM CANCER AND ALZHEIMER'S DISEASE full of sound and fury signifying nothing.

- 142 Govt. Still in Hardy living - Causes Headache, throat cancer, Emphysema Tashikin said (as cigs in 1880's?) "I was amazed - the airways actually opened up - dilated. Data - The more you smoke the less likely you are to have accident or injury."

143 DiMaggio - It's been - See Endocannabinoid System does 5 things 1) Relaxation & Eating 3) Sleeping 4) Protection & 5) Forgetting Use Michelangelo "Don't think that forgetting is less important than reciting poems."

CLINT WERNER

- Oh M - the ordinary becomes extraordinary "most enjoyable quality is its ability to alleviate the sense of the mundane. What we may sense or think every day shine with qualities that were previously overlooked. Music Food Touch, Story Friends

146 Edibles can be a knock out - can't titrate if swallowed. DACHSTAR PRESS

147 - Start slowly with edibles SAN FRANCISCO with his wife. True that Potent pot is more available now

The "New Marijuana" trip is to scare baby boomers into thinking their kids have something different. NO not

148 HHS lies - Basically it is a totally different drug?!

The Son of Reefer Madness

National Toxicology Study - Gave Rats Big Doses of THC
Backfire - The more THC & tumors = ↑ longer life.

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150 So Son of Reefer Madness ① Pot is Different ② Schizophrenia
Schizophrenia theory demolished - Not even a blip in terms
in "incidence in the late 60's / early 70's.
And - The Lancet in fact can be a treatment for Schizophrenia
155 A tremendous amount of money has been used to generate
"reefer madness" cloaked as science to build police state.
157 Simply no honest data indicating long term harm -
158 media Complicity - Trumpets bad data - Adds hysteria.
A whole chapter in this Drug war.
There it is - The media is either ignorant or complicit - Bleeding
How to sell
affects the state of US & global health. How to sell
ignorant - be sensationalistic

THIS BOOK IS DEDICATED TO my parents, Lee and Mary Werner, for making my education their top priority; and to all those unjustly imprisoned for using, growing or selling marijuana, represented by: Mollie Fry, Dale Schafer, Marc Emery and Eddy Lepp.

• Thwarts treatments for cancer & Alzheimers.
157 Research uses synthetic cannabinoids - Not completely generalizable. Not as effective against all AIDS symptoms.
Entire new industry
159 Treatment for Drug Addiction - Robert Altman - Alcohol
159 Peter Lewis - it improves the quality of life.
Only reason drugs are associated with criminality - if kids see pot & H in the same category, try pot and it is fine - logically also think it no problem.
harm children and bureaucratic immorality.
respect for government.

160 ③ Driving - Marijuana have a strong sense of self-preservation
will increase cautious behaviors
You know when you are too high - High people in study refused
to drive.
less likely to have accidents than the general population
Drivers reduce speed, passing, and risk taking behavior.
For L must have field sobriety tests that measure impairment.
162 NIDA - established "Center for Cannabis Addiction"
Federal Funds are addictive - Lie to get them

- NIDA - parasite - developed term "cannabis related disorders" and pay for studies to BLOCK THC? (in boner) All D.W. \$ could be spent on valuable things. Huge amounts of cash goes to cops - who must make arrests. DEA from 65 million to over 2½ billion
 - Why do they lie - make pseudoscience - For the # Who should Not use cannabis
 - Before pregnancy - could make it harder for egg to implant
 But Mothers milk full of C and baby mice with no CB receptors
 170 The Children - NO - Never - get your education first and then start smoking pot.
 173 Perfectly possible to use everyday & be just fine
 Tries too hard (adolescents) to find something bad to say
 176 Profound sense of mental and physical well-being.
 Q is that inherently subservient to capitalism + growth?? less acquisitive - grasping
 176 "creates sort of a love-type reaction" drug therapy, The one they really missed.
 177 Harborside - Example of the transition - just remove the doctor requirement
 Harborside - pays a gram for political work.
 179 - Labs - a new industry and Lots of Jobs.
 181 GW uses waist high tables
 Acres of giant metallic screens open when the dark period is to begin.
 182 Many smaller cultivators afraid of legalization
 Always will be boutique "craft" demand.
 Yes there will still be a Market after people can grow their own. - like beer
 183 - The Best will be outdoor grown has more CBD
 People could take preventative supplements
 184 - There will be Bars - less dangerous society with less alcohol.
 23 states let parents give alcohol to their children.
 Begin with sentence from Back Cover:
 186 - Government planted & subsidized T.V. - Controlled plot lines so it would not seem that pot had been accepted by popular culture.
- 187 Gov Schwartzmeyer see "No One Cares"
 * Montana - Jury mutiny "don't know, we can seat a jury" people were "not supportive" of M law
 187 Many of Stargate Movie got an R rating solely because a joint was passed "without negative consequences" So if they had been turned down or hit by a car - a PG?
 188 M - could help aging brain Reduce inflammation genes
 When older generation realizes that they could get protection from so many things - we will get up and that is good.
 Curiosity re: Cannabis - led to revolutionary discoveries about how our biological systems function.
- CONTENTS**
- 189 Alzheimer researcher - "one puff a day? can produce significant benefits,"
 More THC the rats and mice got the longer they lived.
 190 So Cannabis protects us from lots of really bad stuff and makes a million things about life more pleasurable
 Introduction. So what the fuck is the problem. If you don't care to benefit get out of other people's way.
 In learning how to live ...
- Part One High Science ... you don't care to benefit get out of other people's way.**
 Chapter 1 The Endocannabinoid System
 Chapter 2 Smoking Out Lung Cancer
 Chapter 3 Fighting Other Cancers
 Chapter 4 Alzheimer's And Dementia: How Cannabis Helps
 Chapter 5 Cannabidiol: The Other Side Of The High
 Chapter 6 Cannabinoid Deprivation Syndrome
Part Two The Fall And Rise Of Medical Marijuana ... we're still here
 Chapter 7 From Sacred Plant To Evil Weed In Just 6000 Years
 Chapter 8 Higher Learning
 Chapter 9 Double-Blinded Trials publishing efforts
 Chapter 10 Just Say "Know" ... A.S. P.R. Budget
 Chapter 11 Case Histories
 Chapter 12 Ken And Barbie Have AIDS
 Chapter 13 Research And Commerce
 Chapter 14 Grass Roots Victory
 Chapter 15 Government Waste
 Chapter 16 Heightened Immunity