

Alzheimers

Info on Alzheimers and Medical Cannabis

▶ **Recent Research on Medical Marijuana**, by NORML - the National Organization for the Reform of Marijuana Laws | Medical Conditions; Alzheimer's Disease, ALS, Diabetes Mellitus, Dystonia, Fibromyalgia, GI Disorders, Gliomas, Hepatitis C, HIV, Hypertension, Incontinence, Multiple Sclerosis, Osteoporosis, Pruritis, Rheumatoid Arthritis, Sleep Apnea, Tourette's Syndrome, plus. Emerging Clinical Applications For Cannabis & Cannabinoids A Review of the Recent Scientific Literature, 2000 — 2008; and more! Visit - http://norml.org/index.cfm?Group_ID=7002

Organizations, Contacts and other Resources

▶ **American Alliance For Medical Cannabis (AAMC)** | dedicated to bringing patients, caregivers and volunteers the facts they need to make informed decisions about whether Cannabis is the right medicine for them, the laws surrounding Medicinal Marijuana in your area, political activism and even handy recipes and guides to growing your own nontoxic medicine.

--- Events ---

The Sixth National Clinical Conference on Cannabis Therapeutics - April 15-17, 2010 in Providence, RI USA

The Fifth National Clinical Conference on Cannabis Therapeutics - April 4-5, 2008 in Pacific Grove, CA USA

--- News ---

Marijuana's Active Ingredient Shown to Inhibit Primary Marker of Alzheimer's Disease - Molecular Pharmaceutics - American Chemical Society (9 Aug 2006) And more! Visit - <http://www.letfreedomgrow.com/news.htm>

▶ **Americans for Safe Access (ASA)** - Medical Cannabis Policy Update: Oct 07 | Cannabis Holds Promise for Treating Alzheimer's. The British Journal of Pharmacology has a review forthcoming that holds out hope for those suffering from Alzheimer's disease. The authors suggest that anti-inflammatory and neuroprotective effects of cannabinoids, the key constitutive components of the cannabis plant, may help combat the neurodegeneration that is the hallmark of such debilitating diseases as Alzheimer's, ALS, Multiple Sclerosis, and Parkinson's. The broad-spectrum effects of the compounds are particularly promising. As the authors from

Trinity College Dublin note, "cannabinoids offer a multi-faceted approach for the treatment of Alzheimer's disease by providing neuroprotection and reducing neuroinflammation, whilst simultaneously supporting the brain's intrinsic repair mechanisms by augmenting neurotrophin expression and enhancing neurogenesis." And more! Visit - <http://www.safeaccessnow.org/article.php?id=5183#9>

▶ **iMedicalCannabis.org** | is an educational and resource platform built to empower patients, families, and caregivers with the information and resources needed for Safe Access to medical cannabis. Visit - <http://imedicalcannabis.org/>

FORUMs Section

▶ **Marijuana - Just say know!** | It's very easy to find the truth about marijuana. Just go to amazon.com and type in "marijuana", and you'll see a long list of books. Pick one and read it! Before we condemn anyone to an unspeakable and hideous prison experience, don't we owe it to them to be sure they really deserve to be in prison. Please consider the possibility, everyone reading this, that you may be wrong about marijuana. What may not be in any of those books yet are two remarkable recent discoveries:

1. Marijuana's active ingredients, the cannabinoids, shrink tumors and promote the necrosis of cancerous tissue, without harming normal tissue. You can check this one out on the web with a Google search using the words [marijuana cancer], and also try [marijuana "shrink tumors"]. Visit - <http://people.bakersfield.com/home/Blog/noelkettering>

▶ **Medical Marijuana Forums** | **Welcome to WeedTRACKER!** The largest Medical Marijuana website online. We have everything the Medical Marijuana patient needs to be more educated about whats available at the California Co-Ops. We have the largest patient medicine reviews site with over 1000 products reviewed from over 350 Co-Ops from Los Angeles to Arcata. WeedTRACKER.com is not a public website. Membership at WeedTRACKER is only available to qualified individuals. Some parts of the site are available for public read-only use, but the majority of the site is membership only. Individuals who wish to join WeedTRACKER.com must be legal Medical Marijuana Patients as defined by their states guidelines. Visit - <http://www.weedtracker.com/forums/view.php?pg=welcme>

NEWS Section

▶ **Medical Marijuana > Longevity and Age Management** | worldhealth.net Marijuana compounds may benefit aging brain - posted in Brain and Mental Performance,

Medical Marijuana on Thu November 20, 2008. | Researchers at Ohio State University say that they have found evidence suggesting that compounds found in the recreational drug marijuana may benefit the aging brain by reducing inflammation and stimulating the growth of new brain cells.

-and-

Latest Buzz: Marijuana May Slow Progression Of Alzheimer's Disease - posted in Medical Marijuana on Thu November 09, 2006 | New evidence in rats suggests that marijuana may contain compounds that slow the memory loss associated with Alzheimer's disease. Marijuana has strong anti-inflammatory effects, and many researchers believe that there is a compelling link between chronic inflammation and the progression of Alzheimer's, said Gary Wenk, a study co-author and a professor of psychology at Ohio State University.

and more. Visit http://www.worldhealth.net/content.asp?url=/list/news/medical_marijuana

► [cannabisnews.com](http://www.cannabisnews.com): medical related topics | 24360 12/08/2008 Arseus To Distribute Medical Cannabis in Germany ... 23754 3/13/2008 Alzheimer's Research Can No Longer Be Sidelined ... 12/08/2008 Attacking Alzheimer's with Red Wine and Marijuana; 3/13/2008 Alzheimer's Research Can No Longer Be Sidelined; 10/10/2006 Pot Helps in Fighting Alzheimer's, Study Says and more at - <http://www.cannabisnews.com/news/list/medical.shtml>

► **Marijuana Shown to Inhibit Alzheimer's Disease [VIDEO] July 1st, 2008 |** Scientists at The Scripps Research Institute have found that the active ingredient in marijuana, tetrahydrocannabinol or THC, inhibits the formation of amyloid plaque, the primary pathological marker for Alzheimer's disease. In fact, the study said, THC is "a considerably superior inhibitor of [amyloid plaque] aggregation" to several currently approved drugs for treating the disease. According to the new Scripps Research study, which used both computer modeling and biochemical assays, THC inhibits the enzyme acetylcholinesterase (AChE), which acts as a "molecular chaperone" to accelerate the formation of amyloid plaque in the brains of Alzheimer victims. Although experts disagree on whether the presence of beta-amyloid plaques in those areas critical to memory and cognition is a symptom or cause, it remains a significant hallmark of the disease. With its strong inhibitory abilities, the study said, THC "may provide an improved therapeutic for Alzheimer's disease" that would treat "both the symptoms and progression" of the disease. Click > [here](#) < for more.

► **Marijuana may block Alzheimer's - Last Updated: Tuesday, 22 February, 2005 |** The active ingredient in marijuana may stall decline from Alzheimer's disease, research suggests. Scientists showed a synthetic version of the compound may reduce inflammation associated with Alzheimer's and thus help to prevent mental

decline. They hope the cannabinoid may be used to developed new drug therapies. The research, by Madrid's Complutense University and the Cajal Institute, is published in the Journal of Neuroscience. Visit - <http://news.bbc.co.uk/2/hi/health/4286435.stm>

▶ **YouTube - Medical Marijuana Alzheimer ... Medical Marijuana alzheimer memorysaver - CNN Int. 11 Mar 2008 | marijuana is neither hallucinogenic nor has it been shown to be "damaging" to the mind. It's only been shown to slightly effect short term memory while under the influence. It's pretentious to call that damage and it certainly isn't irreparable** Visit - <http://www.youtube.com/watch?v=p9aZPbYcIX8>

▶ **Marijuana Ingredient May Help Alzheimer's By Miranda Hitti Thursday, February 24, 2005 | New clues about Alzheimer's disease (search) have emerged from a Spanish study of marijuana. The drug's active ingredients — cannabinoids (search) — help prevent brain problems seen in Alzheimer's, say the scientists. There is no cure for Alzheimer's disease, which progressively damages brain areas involved in memory, judgment, language and behavior. Alzheimer's disease is the most common form of mental decline, or dementia (search), in older adults. The new study didn't test cannabinoids on people living with Alzheimer's disease. Instead, the researchers focused on human brain tissue samples and conducted cannabinoid experiments on rats. Visit -** <http://www.foxnews.com/story/0,2933,148518,00.html>

▶ **Alzheimer's sufferers may benefit from cannabis compound - Published: Tuesday, 11-Mar-2008 | Medical Research News: Scientists are suggesting that cannabis can offer some benefit for Alzheimer's sufferers. The scientists from Israel and Spain say cannabis-based treatments could improve memory loss in Alzheimer's sufferers. The revelation was made this week at a symposium of cannabis experts hosted by the Royal Pharmaceutical Society of Great Britain (RPSGB) where the scientists said that a compound present in cannabis significantly slows memory problems caused by the disease. Visit -** <http://www.news-medical.net/?id=36068>

▶ **Cannabis-derived medicines may help Alzheimer's - Published: Monday, 10-Mar-2008 | Medical Research News: Cannabis-derived medicines may one day be used in the treatment of Alzheimer's disease which affects 417,000 people in the UK. Professor Raphael Mechoulam of the Hebrew University of Jerusalem, Israel, will present new findings to a group of international experts at a Cannabinoids Medicines Symposium to be held at the Royal Pharmaceutical Society of Great Britain (RPSGB) in London on Monday, 10 March. The research, still at an early stage, indicates that memory loss, the main symptom of Alzheimer's, can be slowed down significantly in mice by some of the chemicals present in cannabis. The next step will be to initiate human trials to see if the same effect can be achieved on the human brain. The research is promising for the millions of suffers of the disease and their**

carers. Alzheimer's disease is the commonest form of dementia, which affects an estimated 24.3 million people worldwide. Visit - <http://www.news-medical.net/?id=36024>

▶ **Alzheimer's Patients May Benefit From Cannabis-Derived Medicines, UK | Main Category: Alzheimer's / Dementia > Article Date: 11 Mar 2008 - 1:00 PDT > Cannabis-derived medicines may one day be used in the treatment of Alzheimer's disease which affects 417,000 people in the UK. Professor Raphael Mechoulam of the Hebrew University of Jerusalem, Israel, will present new findings to a group of international experts at a Cannabinoids Medicines Symposium to be held at the Royal Pharmaceutical Society of Great Britain (RPSGB) in London on Monday, 10 March. The research, still at an early stage, indicates that memory loss, the main symptom of Alzheimer's, can be slowed down significantly in mice by some of the chemicals present in cannabis. The next step will be to initiate human trials to see if the same effect can be achieved on the human brain. The research is promising for the millions of sufferers of the disease and their carers. Alzheimer's disease is the commonest form of dementia, which affects an estimated 24.3 million people worldwide. Visit - <http://www.medicalnewstoday.com/articles/100088.php>**

▶ **tribes » Health & Wellness » Medical Marijuana » topics » Marijuana may stave off Alzheimer's - posted Fri, October 6, 2006 | WASHINGTON, (Reuters) -- Good news for aging hippies: Smoking pot may stave off Alzheimer's disease. New research shows that the active ingredient in marijuana may prevent the progression of the disease by preserving levels of an important neurotransmitter that allows the brain to function. Researchers at the Scripps Research Institute in California found that marijuana's active ingredient, delta-9-tetrahydrocannabinol, or THC, can prevent the neurotransmitter acetylcholine from breaking down more effectively than commercially marketed drugs. THC is also more effective at blocking clumps of protein that can inhibit memory and cognition in Alzheimer's patients, the researchers reported in the journal Molecular Pharmaceutics. The researchers said their discovery could lead to more effective drug treatment for Alzheimer's, the leading cause of dementia among the elderly. Click > [here](#) < for more.**

▶ **THC Better Than Other Drugs for Alzheimer's Study Says Wednesday, 27 September 2006 | Expanding on previous research that has established cannabinoids play an important role in the pathology of Alzheimer's disease, new findings have come to light. A study done by the Scripps Research Institute determined that THC prevents the formation of amyloid plaque, a protein that is found in Alzheimer's patients. The study calls THC considerably superior to several drugs that are on the market for inhibiting the build up of this plaque. THC "may provide an improved therapeutic for Alzheimer's disease" that would treat "both the symptoms and progression" of the disease, the study said. An estimated 280,000 Texans have Alzheimer's disease. Imagine how their quality of life could improve if medical marijuana were a legal option for**

them. For those of you who want to delve into the science further look at the actual study here. Click > [here](#) < for more.

▶ **Alzheimer's Patients May Benefit From Cannabis-Derived Medicines - 03/13/08 | REPORTER: <http://www.pressemedinger.no/read.asp?recno=55507> LONDON, March 7 /PRNewswire/ -- Cannabis-derived medicines may one day be used in the treatment of Alzheimer's disease which affects 417,000 people in the UK. Professor Raphael Mechoulam of the Hebrew University of Jerusalem, Israel, will present new findings to a group of international experts at a Cannabinoids Medicines Symposium to be held at the Royal Pharmaceutical Society of Great Britain (RPSGB) in London on Monday, 10 March.** The research, still at an early stage, indicates that memory loss, the main symptom of Alzheimer's, can be slowed down significantly in mice by some of the chemicals present in cannabis. The next step will be to initiate human trials to see if the same effect can be achieved on the human brain. Click > [here](#) < for more.

▶ **Oregon Okays Medical Marijuana For Alzheimer's Agitation, New Initiative Moves Forward - 6/30/00 | The Oregon Health Division has expanded the state's medical marijuana program by adding "agitation of Alzheimer's disease" to the list of qualifying medical conditions, making patients eligible to use state-sanctioned marijuana. Some Alzheimer's patients develop the agitation syndrome, which is defined as the inability to settle down and includes symptoms such as verbal outbursts, pacing, and restlessness, all of which may lead to patient combativeness. Oregon is one of a handful of states to allow seriously ill people to use marijuana for medical conditions. Measure 67, the successful 1998 initiative allowing medical marijuana use for Oregon residents, already provides for its use in cancer, glaucoma, HIV/AIDS, cachexia, severe pain, severe nausea, seizures and persistent muscle spasms. Visit - <http://stopthedrugwar.org/chronicle-old/143/oregonokay.shtml>**

Cannabis as Medicine

▶ **Medical cannabis - Wikipedia, the free encyclopedia | Cannabis Indica (now referred to as Cannabis sativa subsp. indica),[1] Fluid Extract, American Druggists Syndicate, pre-1937** Medical cannabis refers to the use of the Cannabis plant as a physician-recommended herbal therapy as well as synthetic THC and cannabinoids. So far, the medical use of cannabis is legal only in a limited number of territories, including Canada, Belgium, Austria, the Netherlands, the United Kingdom, Spain, Israel, Finland, and some U.S. states. This usage generally requires a prescription, and distribution is usually done within a framework defined by local laws. There are many studies regarding the use of cannabis in a medicinal context. Visit - http://en.wikipedia.org/wiki/Medical_cannabis

▶ Alzheimer's Info & Tips Early Treatment is Key. Don't Wait. Ask Your Loved One's Doctor. Visit - <http://www.Aricept.com/>

▶ Alzheimer's Disease Learn About Alzheimer's - Find info on Diagnosing & Treatment Options Visit - <http://www.Namenda.com/>

▶ Signs of Dementia Learn About Signs of Dementia & How Combination Therapy May Help. Visit - <http://www.enroll.AlzComboCare.com/>

This document was researched, prepared and presented as public service by
MERCY – the Medical Cannabis Resource Center
* P.O. Box 1111, Cornelius, OR 97113 * 503.363-4588 *
visit: **MercyCenters.org**