

“The Endo-cannabinoid System”

The Endocannabinoid System is a little-known biological system uncovered after scientists identified cannabinoid receptors in the brain. In the 1990’s, the first endogenous (made by the body) cannabinoids were discovered. Since then, cannabinoid receptors have been found in every major organ, the digestive tract, and throughout the body.

Despite being legal in CA for more than 25 years, less than 14% of U.S. medical schools even mention the words “Endocannabinoid System”. The majority of physicians and other medical professional have no idea this biological system exists. Amongst experts, it is believed the Endocannabinoid system is the regulatory system for all other biological systems.

Accredited CME training is available for professionals interested in cannabis medicine through www.medicalcannabis.org

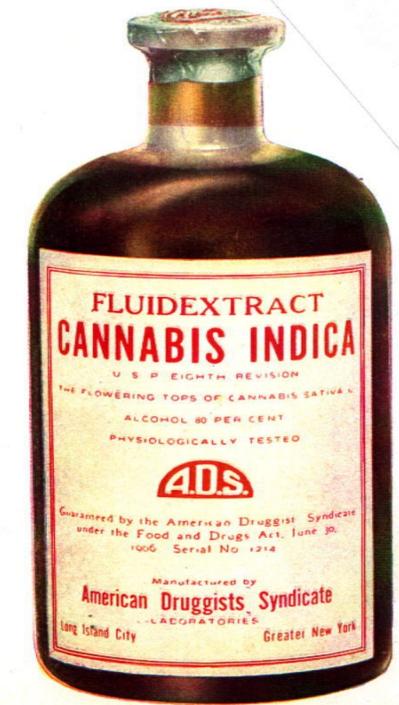
“Learning about the Endocannabinoid System put the idea of medical use of cannabis in a whole new light. There are benefits of cannabis for all ages, in all states of health.”

Jodi James,
Executive Director
Florida CAN

From the Beginning...

“When a plant is outlawed that inhibits aging, including age-related illnesses such as: Autoimmune Diseases, Cardiovascular Diseases, Osteoporosis, Neurological Disorders, and Cancer, the ability for the world to effectively treat and prevent disease through safe, non-toxic means is diminished.”

Dr. Robert Melamede, PhD.
Cannabis Science, Inc.



Circa 1906

Cannabinoids -

How your body is built for cannabis

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The U.S. Patent Office issued **patent #6630507** to the U.S. Health and Human Services on 2/2/2001. The patent lists the use of certain **cannabinoids** found within the cannabis sativa plant as useful in certain neuro-degenerative diseases such as Alzheimer's, Parkinson's, and HIV dementia.



The grandfather of cannabis science, Raphael Mechoulam,

Understanding Cannabis

“By using a plant that has been around for thousands of years, we discovered a new physiological system of immense importance..” says Raphael Mechoulam, PhD, Raphael Mechoulam is an Israeli professor of Medicinal Chemistry and Natural Products at the Hebrew University of Jerusalem in Israel. We would not have been able to get there if we had not looked at the plant.”

Finding the right therapy for you >>>

Patients must be free to pursue complimentary alternative therapies, because top drug company officials acknowledge that most prescription medicines do not work on most people who take them.. While many alternative therapies are already available none show same promise as cannabis .

Ignorance is Not Bliss

Or “What You Don’t Know About Cannabis Could Kill Me”

Cannabis in the brain

In 1988, the idea of a THC receptor in the brain was theorized. This was the first time it was proposed that we actually had something in the brain that was activated by THC. The National Institute of Health confirmed the theory and the receptor came to be called CB1.

The International Cannabinoid Research Society (ICRS) formed in 1992 to bring together university-connected scientists from around the world who are studying cannabinoids.

Shortly after the confirmation of the CB1 receptor’s existence, Dr. Raphael Mechoulam, dean of the transnational cannabinoid research community, discovered Anandamides.

Anandamide is the Sanskrit word for “bliss.” Mechoulam’s team called these endogenous messenger molecules “Endo-Cannabinoids”. THC’s three dimension shape mimics the naturally occurring Anandamide molecule.

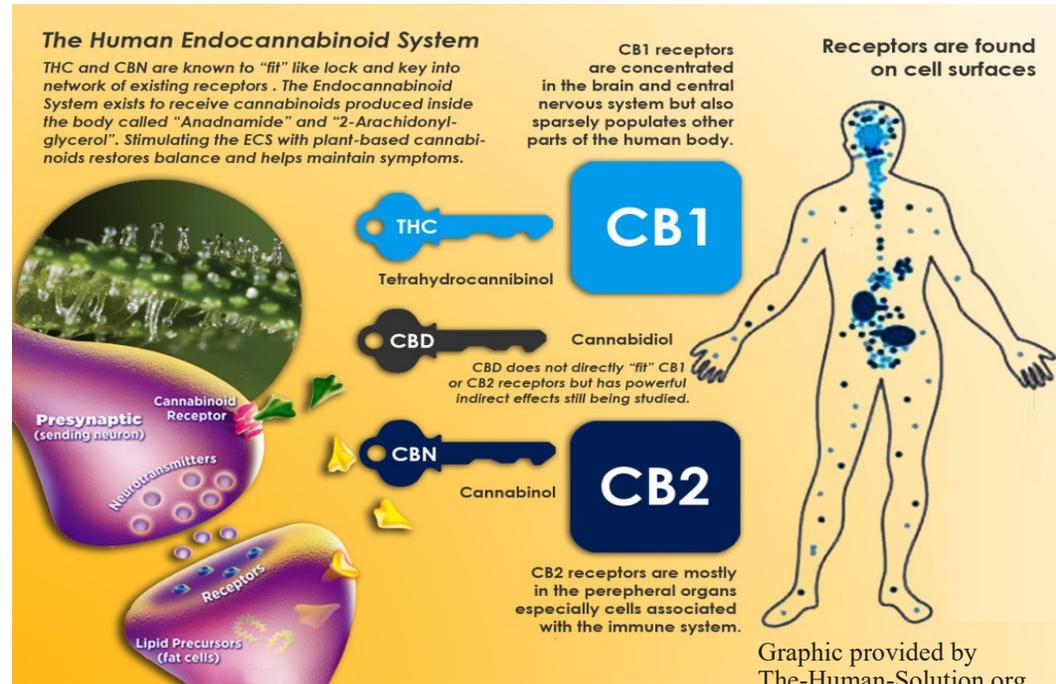
Cannabis in the body

It wasn’t until 1993, that the second reception CB2 was discovered. CB2 is prevalent throughout the immune system and the peripheral nervous system. CB2 receptors are also present in the gut, spleen, liver, heart, kidneys, bones, blood vessels, lymph cells, endocrine glands and reproductive organs.”

As the body of research grew, a second naturally occurring endo-cannabinoid, called 2-AG was confirmed.

The discovery of 2-AG established the existence of a cannabinoid system within the human body.

Anandamide is the Sanskrit word for “bliss.”



Graphic provided by The-Human-Solution.org