



## WHAT ARE CANNABIS CANNABINOIDS?

Cannabis is a complex herbal medicine containing several classes of secondary metabolites, including at least 104 Cannabinoids and 120 Terpenoids. Terpenes and Cannabinoids, like CBG, CBD and THC, make up the building blocks of the cannabis plant. Delving into medical benefits, cannabinoids have been successfully used in the treatment of conditions such as multiple sclerosis, epilepsy, cancer side effects, seizures, glaucoma and symptoms such as anxiety, sleep disorders, inflammation, pain, and nausea.

Cannabis cannabinoids provide medical efficacy to humans because they mimic our own naturally produced endocannabinoids, and bind to the same receptors, located throughout the brain and body. Cannabinoids function by stimulating two receptors, cannabinoid receptor type 1 (CB1) and type 2 (CB2), within the endocannabinoid system. This endocannabinoid system is a complex network of organs throughout the body, expressing the cannabinoid receptors and playing a homeostatic role. Functions of the endocannabinoid system include pain, memory, movement, appetite, metabolism, immunity, and even cardiopulmonary function. It bears mentioning that the vast majority of end-effects from cannabinoids, including psychotropics, are from activation of CB1, with CB2 serving more important roles in immune and inflammatory functions.

The unique ability of cannabis cannabinoids to be able to communicate with the human body in the same manner that it communicates with itself makes it an ideal medicine for humans.

The following will provide additional information on some of the more well-known and widely referenced cannabinoids – we will explain what these cannabinoids do and how they may affect the human body.

Cheers to your good health!!!