

CBD For Anxiety & Stress

October, 2022

Endocannabinoids (endogenous cannabinoids) play a key role in our Endocannabinoid System (ECS). The ECS is present throughout the human body, and it helps to regulate crucial aspects of our health, such as our immune and central nervous systems (CNS). Endocannabinoids are lipids that act as a neurotransmitter. Mainly, they affect the CB1 and CB2 receptors throughout the entire body.

CB1 can also be specifically found in several brain areas, including the neocortex, the hippocampus, the amygdala, the cerebellum and the hypothalamus. These brain areas are involved in emotional and behavioral reactions, homeostasis, learning, memory and decisions. Numerous studies have shown the role of endocannabinoid brain receptors and singled out the CB1 receptor as playing a key role in anxiety. Similar studies have located CB1 receptors in the brain's amygdala and found that if this receptor is blocked or the gene that encodes it is deleted, anxiety can increase. Therefore, hemp derived CBD is legal in all 50 states at the Federal level but each state has the power to invoke its own state laws as long as it adheres to the general guidelines stated above.

Stress and anxiety affects millions of people throughout the United States. More than 70 million U.S. adults (or 18% of the nation's population) live with anxiety, including numerous anxiety-related disorders and associated conditions. Generalized anxiety disorder (GAO) affects almost 7 million adults, and the National Institute on Drug Abuse (NIDA) states CBD has been shown to reduce stress in animals. Another study published in the National Center for Biotechnology Information (NCBI), a branch of the National Institutes of Health (NIH), states "CBD has a broad pharmacological profile, including interactions with several receptors known to regulate fear and anxiety related behaviors, specifically the cannabinoid (CB1R) receptor, the 5-HT1A receptor, and the transient potential (TRP) (TRPV1) receptors." Research has demonstrated that the endocannabinoid 2-arachidonoylglycerol (2-AG) plays a critical role in regulating emotional behavior. CBD is known to augment the supply of 2-AG which may increase stress resilience is also known to affect levels of brain serotonin and the serotonin-1A (5-HT1A) receptor which is thought to play a role in regulating and modulating anxiety.

About US

Novel CBD started as a means to provide premium quality CBD and CBD-infused products with unmatched service and unparalleled commitment to our community. Our commitment to providing world-class products and improved quality of life for people and animals is a passion for everyone at dwell, and we are committed to being good stewards of our natural resources to earn and retain the confidence our customers have placed in our company and products.

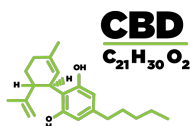
Our Mission

To provide our customers with the highest quality CBD & CBD-infused products available, while serving our community with a commitment and dedication to wellness for everyone!

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