

# Why Does Medical Cannabis Perform So Many Therapeutic Functions In The Brain & Body?



## TWO COMPOUNDS FOUND IN CANNABIS ATTRACT TO CHEMICAL RECEPTORS IN THE HUMAN BODY:

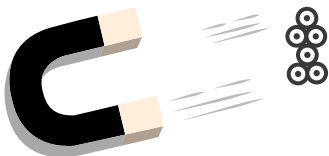
■ **THC - TETRAHYDROCANNABINOL**  
PRESENT WHEN SMOKING MARIJUANA

■ **CBD - CANNABIDIOL\***  
THE MOST SCIENTIFICALLY TRIALED CANNABINOID FOR USE IN THERAPEUTIC APPLICATIONS

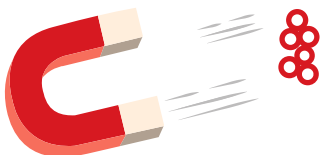
\*CBD DOES NOT DIRECTLY "CONNECT" TO CB1 AND CB2 RECEPTORS, BUT CBD HAS POWERFUL INDIRECT EFFECTS AS SCIENTIFICALLY SHOWN.



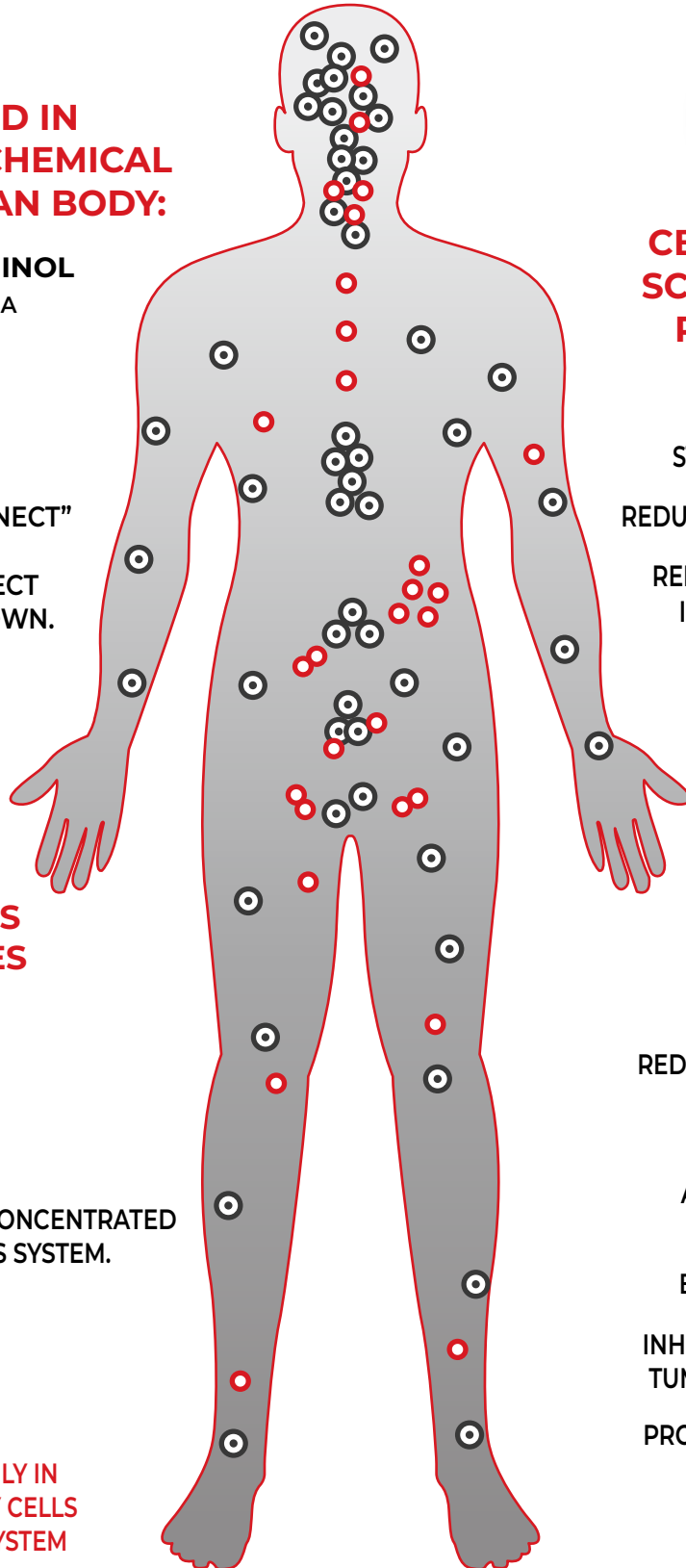
## CANNABINOID RECEPTORS FOUND ON CELL SURFACES IN THE HUMAN BODY



○ **CB1 RECEPTORS ARE GENERALLY CONCENTRATED IN BRAIN AND CENTRAL NERVOUS SYSTEM.**



○ **CB2 RECEPTORS ARE FOUND MAINLY IN PERIPHERAL ORGANS, ESPECIALLY CELLS ASSOCIATED WITH THE IMMUNE SYSTEM**



## CBD HAS BEEN SCIENTIFICALLY PROVEN TO:

- RELIEVE PAIN
- STIMULATE APPETITE
- REDUCE VOMITING & NAUSEA
- REDUCE CONTRACTIONS IN SMALL INTESTINE
- RELIEVE ANXIETY
- REDUCE SEIZURES & CONVULSIONS
- SUPPRESS MUSCLE SPASMS
- REDUCE BLOOD SUGAR LEVELS
- TREAT PSORIASIS
- REDUCE NERVOUS SYSTEM DEGENERATION
- REDUCE RISK OF ARTERY BLOCKAGE
- KILL OR SLOW BACTERIA GROWTH
- INHIBIT CELL GROWTH IN TUMORS/CANCER CELLS
- PROMOTE BONE GROWTH