

# the ENDOCANNABINOID system

The endocannabinoid system (ECS) plays an important role in the human body as it regulates its balance via cannabinoid receptors found in specific body organs.

## THE MAIN CANNABINOID RECEPTORS ARE CB1 AND CB2.

**CB1** is mainly found in the central nervous system (brain and nerves of the spinal cord)

**CB2** is mainly found in the immune tissues and cells and is overexpressed during pathological conditions in selected cells.

Through these receptors, the ECS helps regulate several important functions, such as appetite, digestion, immune function, inflammation, mood, and many more. The presence of the ECS across so many systems of the body explains why such a wide variety of medical conditions are proving to be responsive to cannabis-based treatments.

As research continues to evolve, it's exciting to learn how cannabis and other plants might be the future tonic to our most central physiologic healing system.

