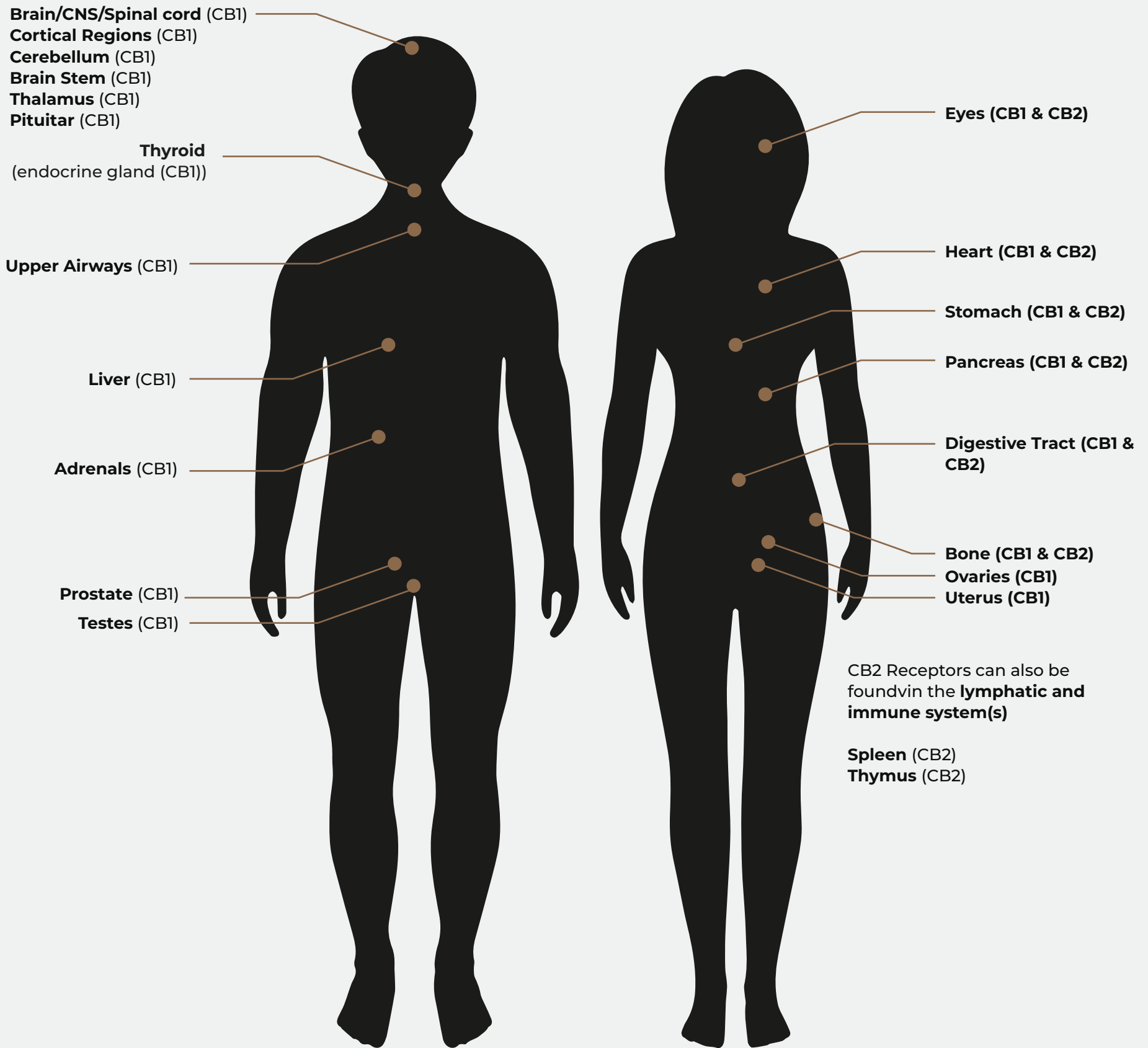


Cannabinoid Receptors

Your body is equipped with CB1 & CB2 receptors which are located throughout your body. Studies show that CBD acts as a modifier to CB1 & CB2 receptors, which aids in neurotransmitter regulation.



These receptors are located in the cells of:



ENDOCANNABINOID SYSTEM

What is the ECS?

The endocannabinoid system (ECS) is a complex network of receptors, molecules, and enzymes that work together to help maintain cellular balance, or homeostasis, within our bodies. This balance allows cells, organs, and systems to function optimally. Humans and vertebrates all have an endocannabinoid system, and it has evolved within us over time.

Endogenous cannabinoids act as keys to a network of cannabinoid receptors within us and have the potential to unlock some impressive properties. They help our bodies regulate a number of functions ranging from appetite, sleep, mood regulation, neuro-protection, and immune function.

What are neurotransmitters?

Your brain uses chemical messengers known as neurotransmitters — and their corresponding receptors — to pass signals between different cells. Neurotransmitter receptors sit on the surface of neurons and other cells, waiting for the messengers to fire them into action.

Neurotransmitters are essential to your health, and imbalances are linked to many diseases and mental disorders.

CBD impacts many different neurotransmitter systems, and its strongest effects are on the endocannabinoid and serotonin systems.