

THE ENDOCANNABINOID SYSTEM

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WHAT WE WILL COVER

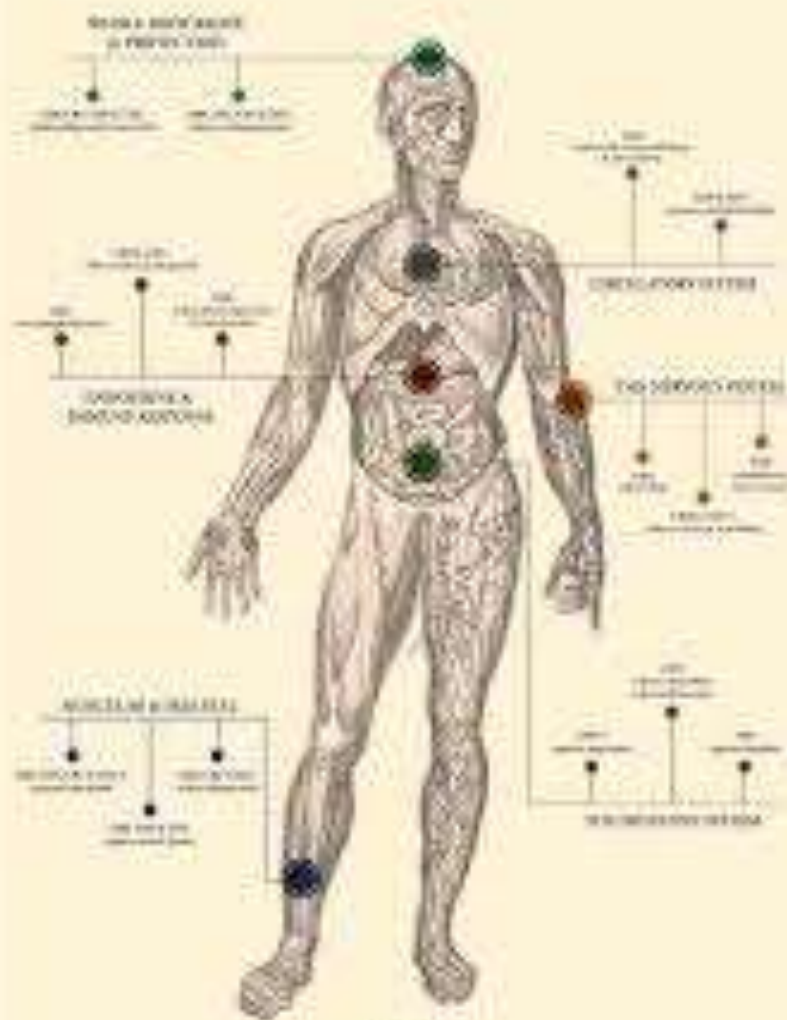
- WHAT IS THE ENDOCANNABINOID SYSTEM
- WHAT ARE CANNABINOID RECEPTORS
- WHAT IS THE DIFFERENCE BETWEEN ENDOCANNABINOIDS AND PHYTO CANNABINOIDS

WHAT IS THE ENDOCANNABINOID SYSTEM?

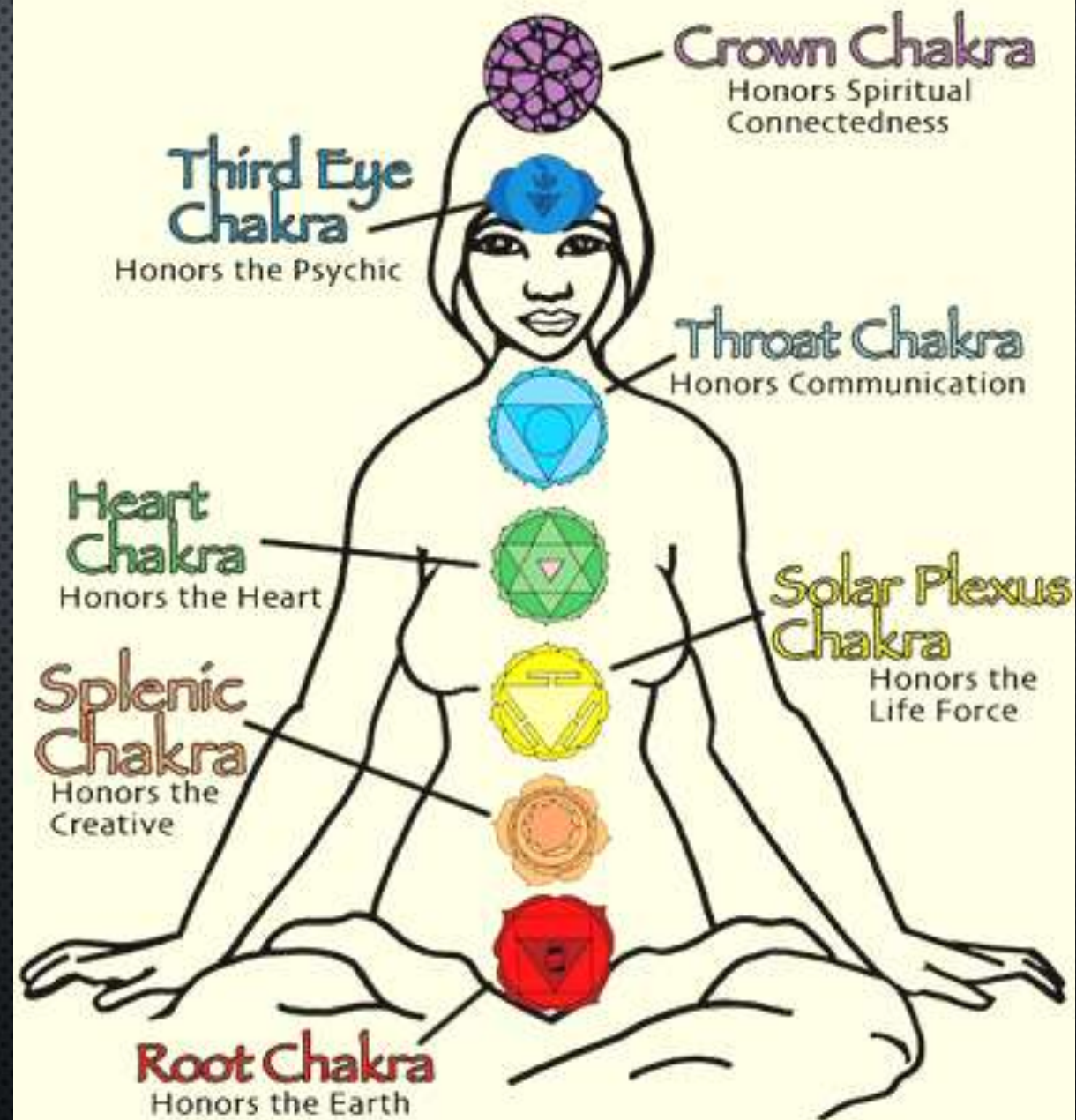
- THE ENDOCANNABINOID SYSTEM WAS DISCOVERED BY ISRAELI SCIENTIST RAPHAEL MECHOULOUM
- NAMED AFTER THE CANNABIS PLANT



Cannabis Man



STARTS
HERE



WHAT ARE CANNABINOID RECEPTORS?



ALL VERTEBRAE SPECIES



EVOLVED IN PRIMITIVE
ANIMALS OVER 600
MILLION YEARS AGO



PRESENT THROUGHOUT
THE BODY



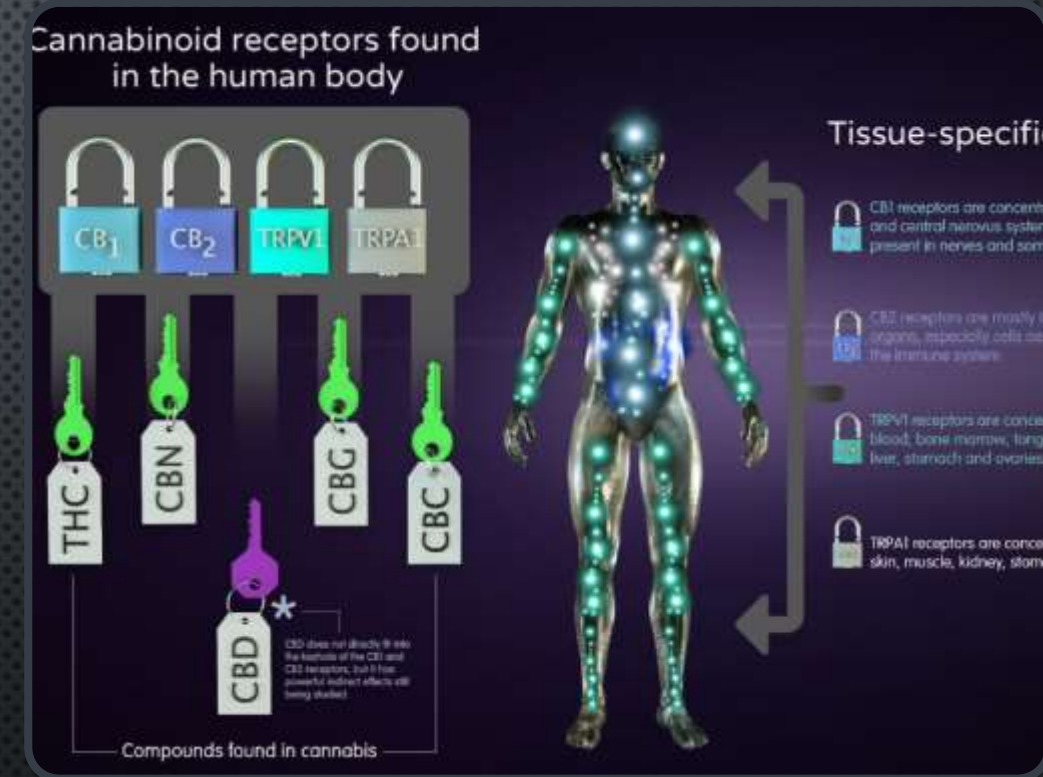
EMBEDDED IN CELL
MEMBRANES



MORE NUMEROUS
THAN ANY OTHER
RECEPTOR SYSTEM

Cb1 Cb2 Receptors

- MOST IMPORTANT PHYSIOLOGIC SYSTEM INVOLVED IN ESTABLISHING AND MAINTAINING HUMAN HEALTH
- ENDOCANNABINOIDS AND THEIR RECEPTORS ARE FOUND THROUGHOUT THE BODY
- BRAIN, ORGANS, CONNECTIVE TISSUES, GLANDS AND IMMUNE CELLS
- THE CANNABINOID SYSTEM PERFORMS DIFFERENT TASKS, BUT THE GOAL IS ALWAYS THE SAME
- HOMEOSTASIS



2 AG Anandamide

- PROMOTE HOMEOSTASIS AT EVERY LEVEL OF BIOLOGICAL LIFE
- AUTOPHAGY EXAMPLE
- DEADLY TO EFFECTS ON MALIGNANT TUMORS



Found at the intersection of
the body's various systems

Decreasing the release of
activators

stabilizing

Communication
system

A Bridge

- COMPLEX ACTIONS
- IMMUNE SYSTEM
- NERVOUS SYSTEM



- RELATIONSHIPS WITH THE EXTERNAL ENVIRONMENT
- ALTERS HUMAN BEHAVIOR
- NEUROGENESIS



Phytocannabinoids



References

<https://healer.com/the-endocannabinoid-system/>