



HOW DOES CBD WORK?

ENDOCANNABINOIDS

Compounds that **we** produce to keep our systems in balance.

Specifically, we're going to discuss **anandamide**.

Anandamide has been found to be responsible for & play a role in:

Speech

Memory

Thoughts

Inhibits cancer cell proliferation

Movement

Awareness

Sensations

ANANDAMIDE

Produced in the cell membrane



Is a neurotransmitter

Activates our CB1 receptors in our Central Nervous System (CNS)

Anandamide is responsible for:

Speech

Memory

Thoughts

Inhibits cancer cell proliferation

Movement

Awareness

Sensations

The “bliss molecule”
Known to elevate

FATTY ACID AMIDE HYDROLASE (FAAH)

Fatty acid amide hydrolase is a membrane enzyme in our cells that **degrades** or eats up anandamide.

If overactive, too much anandamide can be eaten up, leading to issues with:

Speech

Memory

Thoughts

Inhibiting cancer cell proliferation

Movement

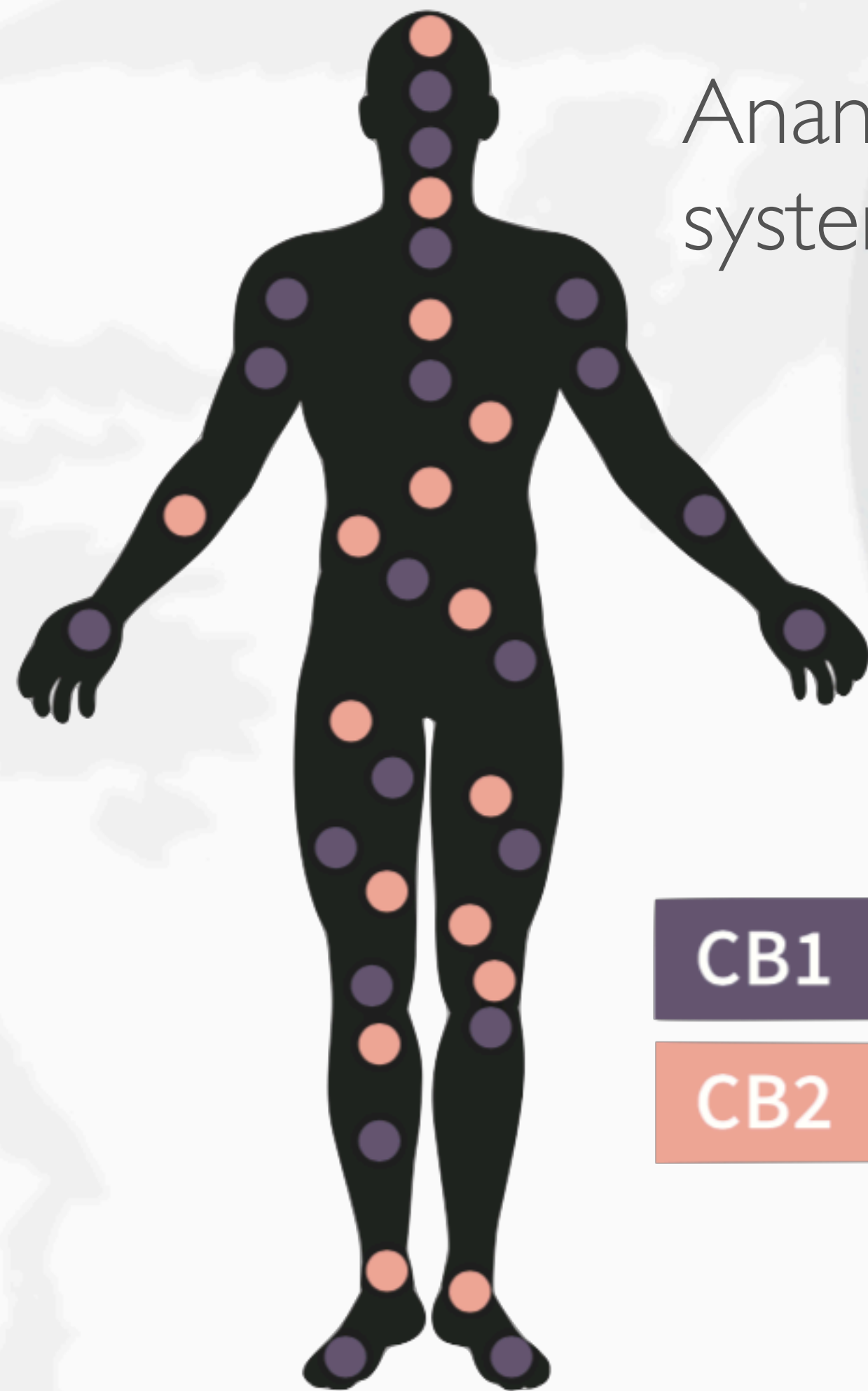
Awareness

Sensations

HOW DOES ANANDAMIDE WORK?

Anandamide activates our CB1 receptors, which are in our central nervous system.

Our central nervous system (CNS) is responsible for:



CB1

CB2

Speech
Thoughts
Memory
Inhibits cancer cell proliferation
Movement
Awareness
Sensations

**THC activates our CB1 receptors, too!*

Our central nervous system (CNS) is responsible for:

- Speech
- Thoughts
- Memory
- Inhibits cancer cell proliferation
- Movement
- Awareness
- Sensations

Anandamide is responsible for:

- Speech
- Thoughts
- Memory
- Inhibits cancer cell proliferation
- Movement
- Awareness
- Sensations

WHERE DOES CBD COME IN?

Remember fatty acid amide hydrolase (FAAH)?

CBD **inhibits** FAAH allowing anandamide to flow freely into our CB1 receptors in our Central Nervous System.



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For help with navigating dispensaries, making medicaments, help targeting symptoms,

-OR-

&/or to learn about the Endocannabinoid System

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