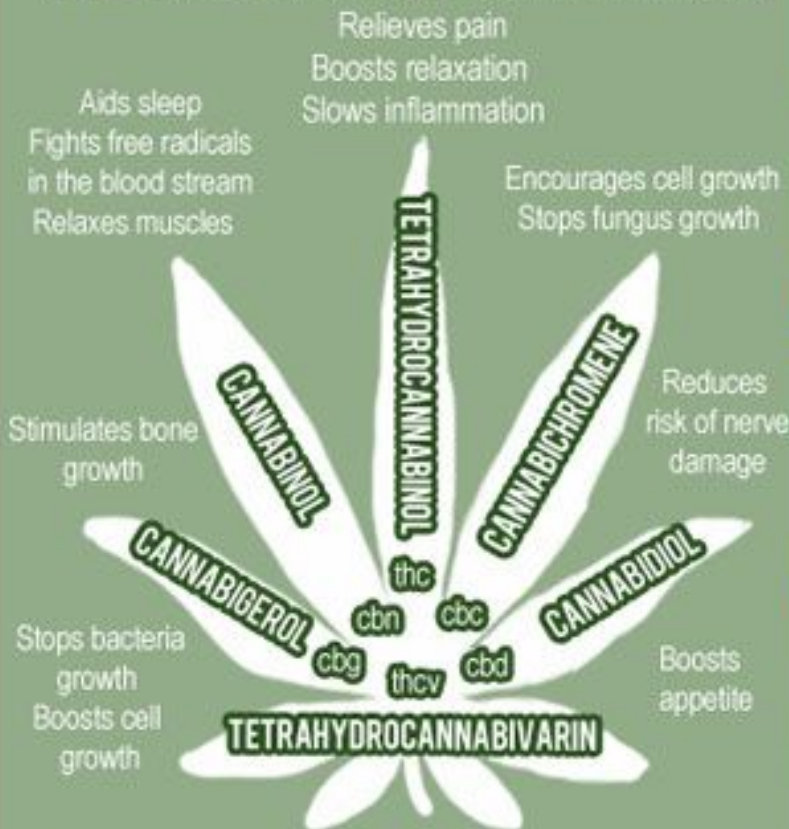


THE SCIENCE OF CANNABIS



BENEFITS OF CANNABINOIDS

CANNABIS AND THE BRAIN

CEREBRAL CORTEX

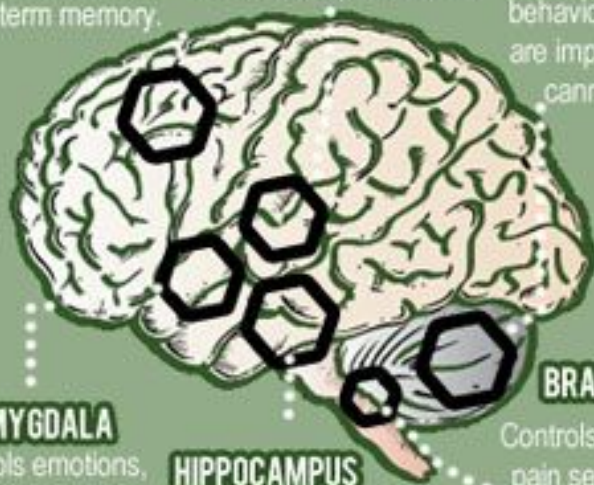
This is where memory and thinking occurs. Cannabis can impair short-term memory.

HYPOTHALAMUS

Responsible for appetite, which is increased by cannabis.

CEREBELLUM

Controls coordination and muscle behavior, which are impaired by cannabis.



AMYGDALA

Controls emotions, which can either be relaxed or increased with cannabis.

HIPPOCAMPUS

Controls memory storage and recall, which are impaired by cannabis.

BRAIN STEM

Controls nausea, pain sensation, and blood pressure, all of which are relieved by cannabis.

NEUROLOGICAL

- Can inhibit tumor growth
- May reduce migraine frequency & intensity
- Helps control epileptic seizures
- May slow the progression of Alzheimer's

OPHTHALMOLOGICAL

- Reduces glaucoma symptoms

PSYCHOLOGICAL

- Can promote better sleep
- Helps manage bipolar disorder
- Eases anxiety
- Treats depression
- Can help treat depression and PTSD
- Helps manage ADD and ADHD

ABDOMINAL

- Can relieve chronic symptoms of IBD and Crohn's disease
- Helps treat incontinence
- Eases symptoms of PMS
- Stimulates appetite

PALLIATIVE CARE

- Eases chemotherapy side effects
- Reduces chronic pain
- May improve bone health

