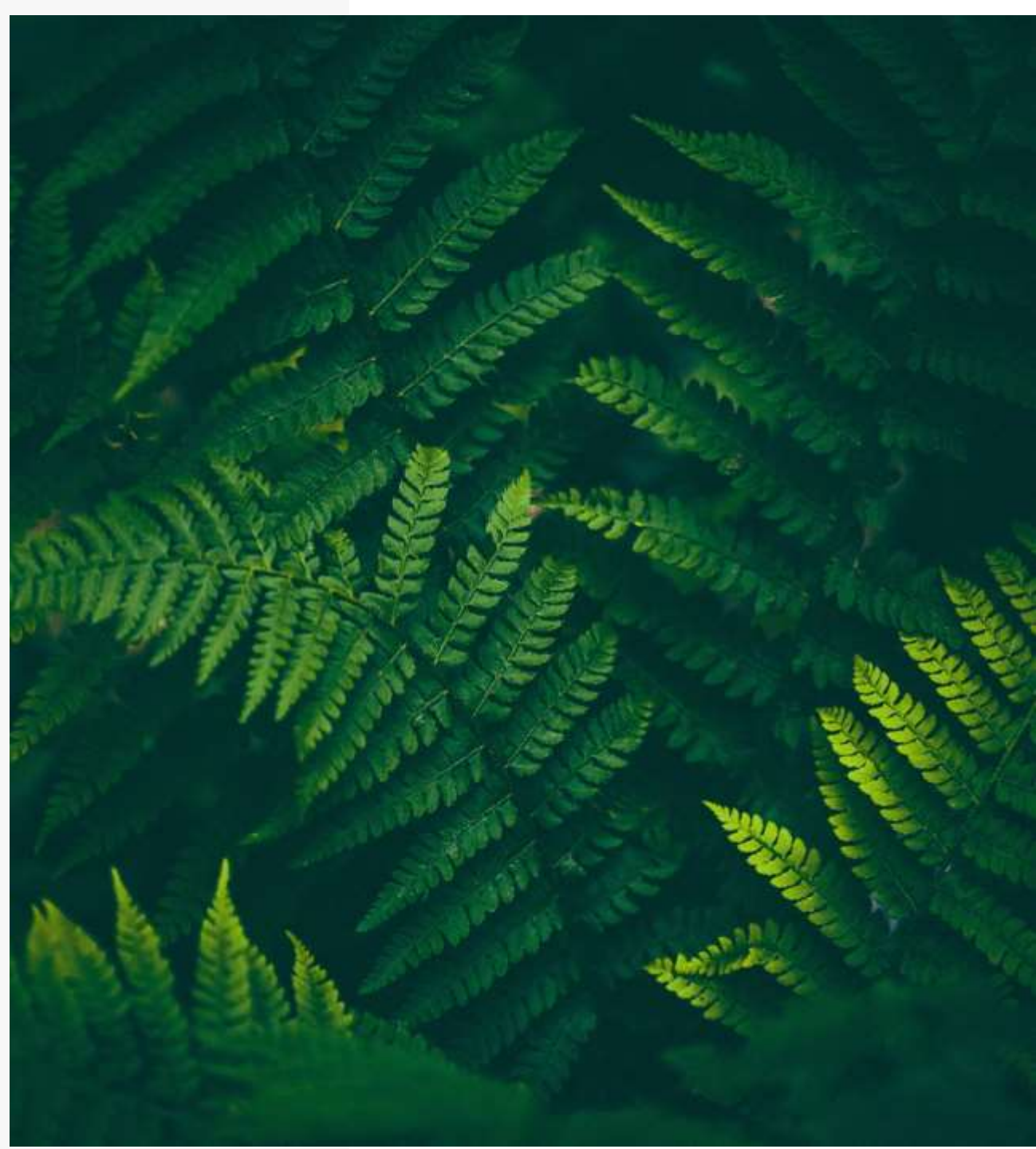


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# How Cannabis can help Cancer

Gina Lucero RN

Marisa "Charlie" Cecco LPN





# *CBD*

antibacterial  
inhibits cancer cell growth  
reduces seizures and convulsions  
reduces blood sugar levels  
balances our immune system  
reduces inflammation  
reduces artery blockage  
reduces small intestine contractions  
reduces vomiting and nausea  
relieves pain  
relieves anxiety  
slows bacterial growth  
suppresses muscle spasms

# THC

Aids in sleep

Inhibits Cancer cell growth

Suppresses muscle spasms

Reduces vomiting and nausea

increases appetite

Relieves pain

protects brain cells

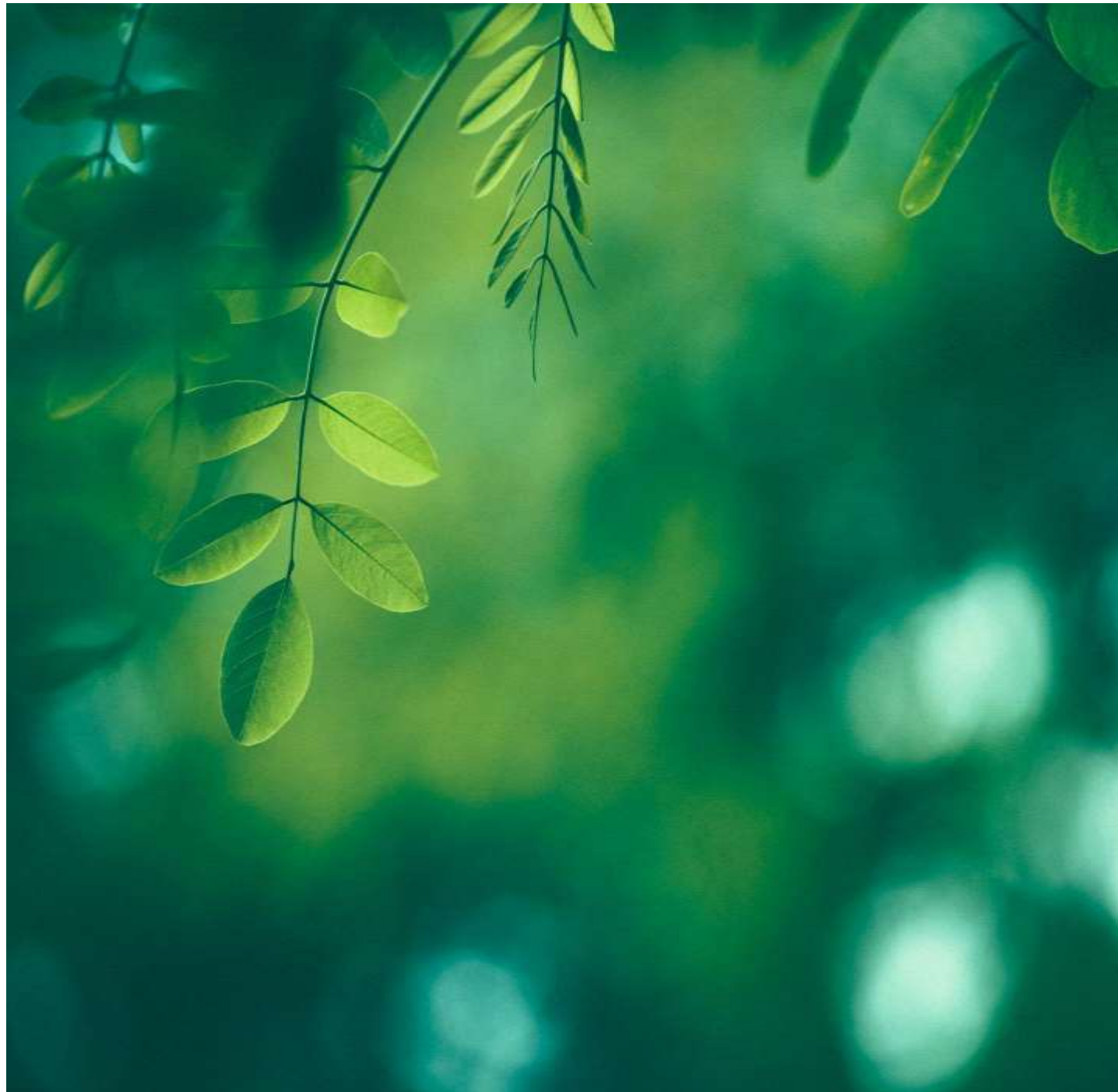
helps with PTSD

anti convulsant

anti anxiety

psychoactive

bronchodilator



How does it  
help?



# History

- » This [cancer](#) information summary provides an overview of the use of [Cannabis](#) and its components as a treatment for people with cancer-related [symptoms](#) caused by the disease itself or its treatment.
- » This summary contains the following key information:
- » *Cannabis* has been used for medicinal purposes for thousands of years.
- » By federal law, the possession of *Cannabis* is illegal in the United States, except within approved research settings; however, a growing number of states, territories, and the District of Columbia have enacted laws to legalize its medical use.

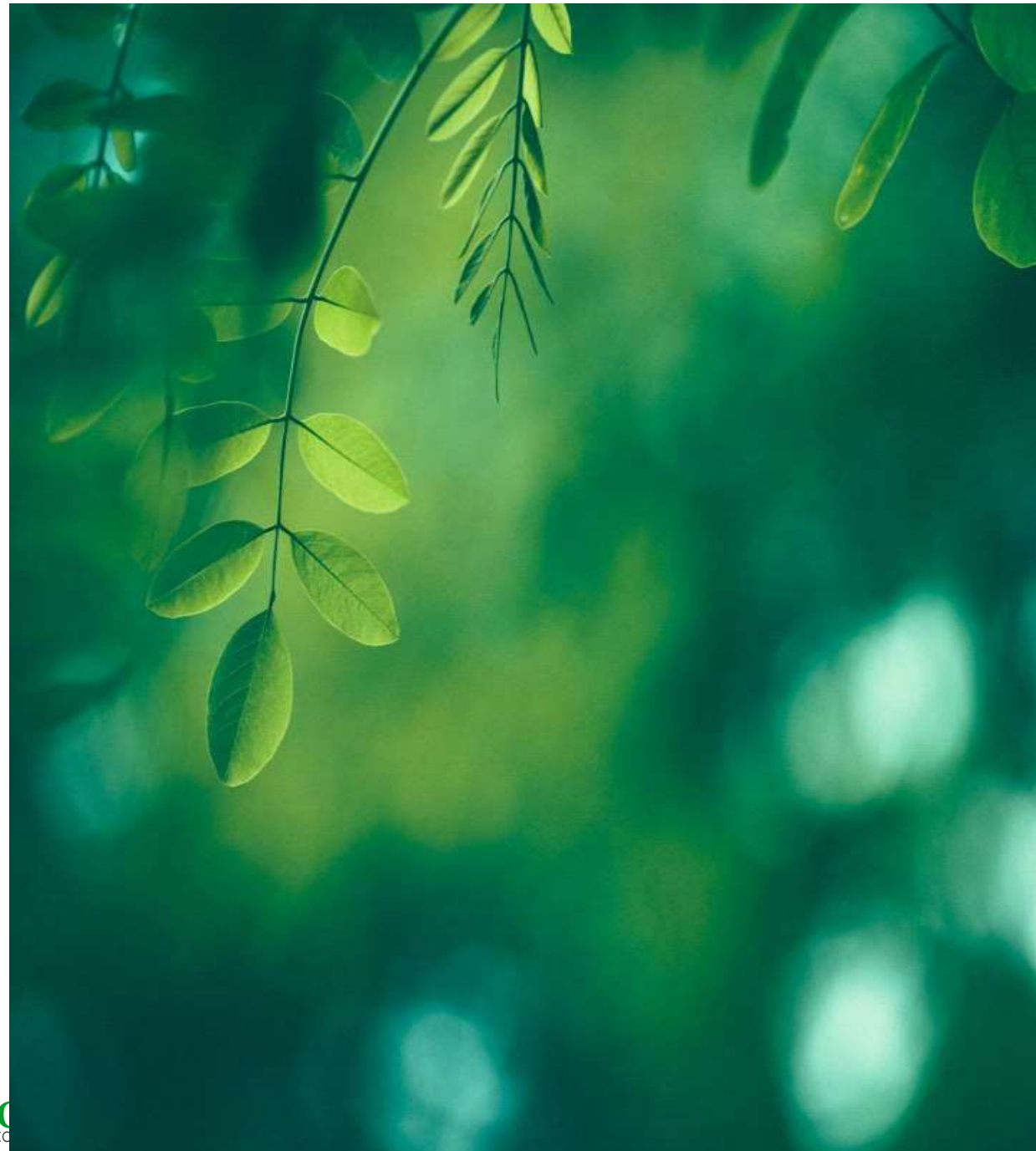




- » The U.S. Food and Drug Administration has not approved *Cannabis* as a treatment for cancer or any other medical condition.
- » Chemical components of *Cannabis*, called cannabinoids, activate specific receptors throughout the body to produce pharmacologic effects, particularly in the central nervous system and the immune system.

## Dosing for patients

- » 10 mg of cannabinoids per kg for a therapeutic level
- » Start at 5-10 mg two to four times daily
- » Increase slowly as tolerated, how quickly this process can occur is person dependent
- » This is 10 mg of cannabinoids, not just exclusively THC or CBD
- » Full spectrum oil is recommended for to obtain the entourage effect of cannabinoids
- » Can be consumed in a variety of routes to better accommodate each individual patient needs





# Full Spectrum oil: Hemp Vs Cannabis



- » The U.S government defines hemp as anything containing “less than 0.3%” THC. This is available to the general public
- » Anything above this limit is considered cannabis, and requires you to be over the age of 21 (recreational) or hold a valid medical card
- » Test results for cannabinoid profiles, pesticides ect. is important to ensure the product is of high quality/what you need






# Comparison

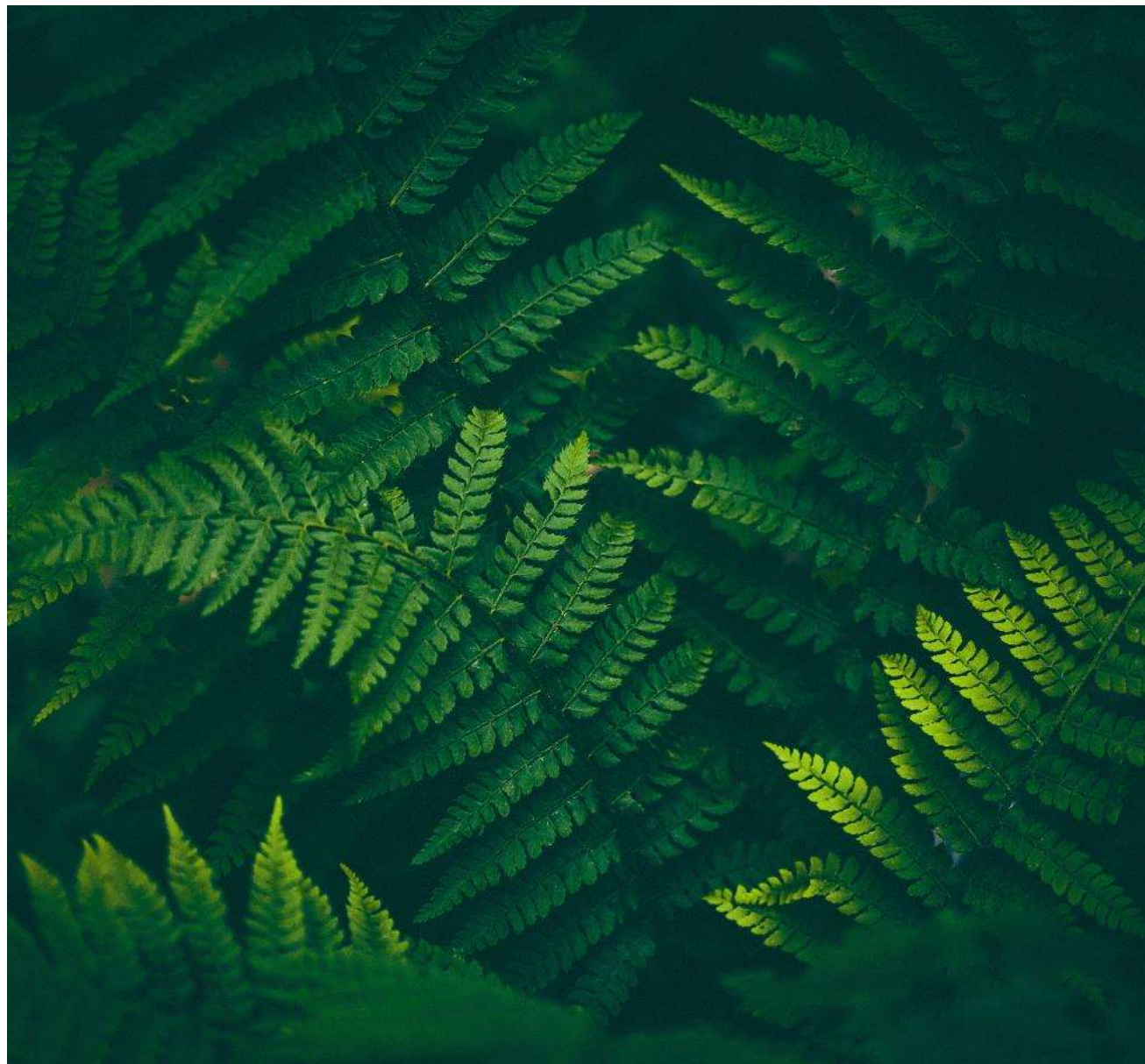
## Big Pharma

- » Commercially available cannabinoids, such as dronabinol and nabilone, are approved drugs for the treatment of cancer-related side effects.
- » Cannabinoids may have benefits in the treatment of cancer-related side effects.
- » Cost Approximately 32,000 per year
- » Isolated cannabinoids- Limitations on synergistic effects in the endocannabinoid system

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# *Thank You*

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<https://www.cancer.gov/about-cancer/treatment/cam/hp/cannabis-pdq>