

BEATING BRAIN CANCER



NICOTINE & OTHER CENSORED NATURAL MEDICINES FOR TUMOR REVERSAL

BEATING BRAIN CANCER

NICOTINE & OTHER CENSORED NATURAL MEDICINES FOR TUMOR TREATMENTS

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BEATING BRAIN CANCER

INTRODUCTION

Welcome to ***“Beating Brain Cancer: Nicotine & Other Censored Natural Medicines for Tumor Reversal.”***

We’re diving into a topic that’s close to the hearts of many—finding unconventional paths to tackle brain cancer. It’s a journey of courage, curiosity, and questioning the norms.

Cancer, especially in the brain, is a tough opponent. It’s complex, mysterious, and affects too many lives. With the world grappling with the aftermath of COVID-19, the need to explore alternative natural medicines has become more urgent than ever. This eBook is your guide through the unexplored territories of treatments that, although not in the mainstream, deserves a closer look.

As we flip through these pages together, let’s challenge what we know, question what we think we understand, and explore the potential of substances that haven’t always gotten the attention that they deserve. This isn’t just about brain cancer; it’s about embracing fresh perspectives and open minds. In the face of adversity, we believe there’s always room for new ideas, and this eBook aims to highlight the ongoing conversation about treating brain cancer.

Our journey isn’t just about the intricacies of brain cancer itself but also about the unique challenges of the COVID-19 era. We’re not just looking at unconventional therapies; we’re exploring how they might fit into the puzzle of a world changed by the pandemic. This is your invitation to join us—question, explore, and perhaps, discover something new.

“Beating Brain Cancer” isn’t just a title; it’s a call to action. It’s a light in the dark for those seeking alternatives, and it’s a nod to the incredible strength of the human spirit when faced with one of the toughest opponents in the medical arena.

With insights from experts, let us discover promising avenues of hope along the way and embrace potential breakthroughs in the fight against brain cancer.



CHAPTER 1

UNDERSTANDING BRAIN CANCER

BEATING BRAIN CANCER

DR. BRYAN ARDIS

“IF YOU PUT VENOM ON YOU TOPICALLY, ORALLY, OR INJECT IT LIKE OZEMPIC OR COVID-19 VACCINES, YOU WILL DEVELOP CANCERS.”

In the United States, approximately 1 in every 100 diagnosed cancers annually are brain tumors. The majority of malignant brain tumors originate from other cancers in the body, including breast and lung cancers, malignant melanoma, and blood cell cancers like leukemia and lymphoma. Additionally, some brain tumors develop in the cells supporting nerve cells, crowding out normal cells and potentially spreading to other parts of the body. (1)

A brain tumor, also known as an intracranial tumor, is an abnormal mass of tissue characterized by uncontrolled cell growth. There are over 150 documented types of brain tumors, with primary and metastatic tumors being the main groups. Primary tumors originate in the brain or its immediate surroundings, categorized as glial (composed of glial cells) or non-glial (developed on brain structures like nerves, blood vessels, and glands), and can be benign or malignant.

Metastatic tumors, on the other hand, originate elsewhere in the body and spread to the brain, typically through the bloodstream. These tumors are malignant, considered cancer, and affect around 1 in 4 cancer patients annually, totaling an estimated 150,000 people. Up to 40% of individuals with lung cancer develop metastatic brain tumors.

These tumors, categorized by cell type (such as meningioma, astrocytoma, lymphoma) or brain location, can exert pressure on the brain, causing tissue destruction or issues in other body parts.

Historically, the prognosis for patients with metastatic brain tumors was grim, with survival rates measured in weeks.

According to the National Cancer Institute’s projections, approximately 22,910 adults (12,630 men and 10,280 women) will receive diagnoses of brain and other nervous system tumors in 2012. The estimate further anticipates that out of these diagnoses, 13,700 individuals are expected to succumb to the disease in the same year.

In the period from 2005 to 2009, the median age at which individuals passed away from cancer affecting the brain and other parts of the nervous system was 64 years. (2)





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Types of Brain Tumors

Benign Brain Tumors:

CHORDOMAS:

- Slow-growing tumors, prevalent in people aged 50 to 60.
- Mostly found at the base of the skull and lower spine.
- Rare, contributing to only 0.2% of primary brain tumors.

CRANIOPHARYNGIOMAS:

- Usually benign but challenging to remove due to their deep brain location.
- Arise from the pituitary gland, often requiring hormone replacement therapy.

GANGLIOCYTOMAS, GANGLIOMAS, ANAPLASTIC GANGLIOGLIOMAS:

- Rare tumors with neoplastic nerve cells, mainly in young adults.

GLOMUS JUGULARE TUMORS:

- Frequently benign, located under the skull base near the jugular vein.
- Most common among glomus tumors, contributing to 0.6% of head and neck neoplasms.

MENINGIOMAS:

- Most common benign intracranial tumors, accounting for 10-15% of all brain neoplasms.
- Originate from the meninges surrounding the brain and spinal cord.

PINEOCYTOMAS:

- Generally benign lesions from pineal cells, predominantly in adults.
- Well-defined, noninvasive, and slow-growing.

PITUITARY ADENOMAS:

- Common intracranial tumors, mostly benign and slow-growing.
- Often affect people in their 30s or 40s, rarely spreading to other parts of the body.

SCHWANNOMAS:

- Common benign tumors along nerves.
- Acoustic neuromas, the most common type, arise from the eighth cranial nerve.

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Malignant Brain Tumors (Gliomas):

ASTROCYTOMAS:

- Most common glioma, accounting for half of primary brain and spinal cord tumors.
- Develop from star-shaped glial cells, more prevalent in adults.

EPENDYMOMAS:

- Arise from the ependymal cells lining the ventricular system.
- Account for 2-3% of all brain tumors.

GLIOBLASTOMA MULTIFORME (GBM):

- The most invasive glial tumor with rapid growth and poor prognosis.
- Composed of different cell types, more common in people aged 50 to 70.

MEDULLOBLASTOMAS:

- High-grade tumors usually in the cerebellum, prevalent in children.

OLIGODENDROGLIOMAS:

- Tumors arising from myelin-producing cells. These myelins provide insulation for the brain's wiring.

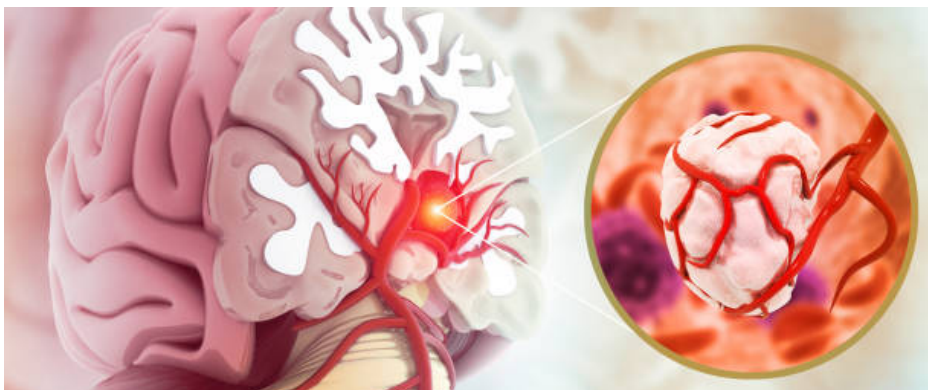
Other Types of Brain Tumors:

HEMANGIOBLASTOMAS:

- Slow-growing tumors originating from blood vessels, commonly in the cerebellum.

RHABDOID TUMORS:

- Rare, highly aggressive tumors that can spread throughout the central nervous system.
- More prevalent in young children but can occur in adults.

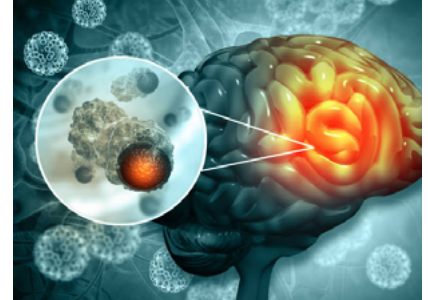


CHAPTER 2

ROOT AND UNDERLYING CAUSES OF BRAIN CANCER

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A brain tumor is an abnormal growth of cells in or near the brain. They can be primary, originating in the brain, or secondary, spreading from other parts of the body. Primary tumors may be benign (noncancerous) or malignant (cancerous), with malignant tumors growing quickly and invading surrounding brain tissue. Brain tumors vary in size, and some may not cause noticeable symptoms until they become large. Noncancerous tumors, while not malignant, can still grow and exert pressure on brain tissue over time. Tumors can occur in various locations, including brain tissue, nerves, the pituitary gland, the pineal gland, and the brain's surface membranes. (3)



The cerebrum is the main part of the brain, and brain tumors in different areas of the cerebrum can lead to various symptoms:

- **Frontal lobes (front of the brain):** Control thinking and movement. Tumors in this area may cause balance issues, difficulty walking, personality changes such as forgetfulness, and a lack of interest in usual activities.
- **Parietal lobes (upper middle part of the brain):** Process information about touch, taste, smell, vision, and hearing. Tumors in the parietal lobes can result in sensory problems, including issues with vision and hearing.
- **Occipital lobes (back of the brain):** Control vision. Brain tumors in the occipital lobes may lead to vision loss.
- **Temporal lobes (sides of the brain):** Process memories and senses. Tumors in the temporal lobes can cause memory problems and may induce hallucinations, where someone sees, tastes, or smells something that isn't present. These sensations might be unpleasant or unusual.

Common types of cancers that can metastasize to the brain include:

- Breast cancer
- Colon cancer
- Kidney cancer
- Lung cancer
- Skin cancer (melanoma)

Different regions of the brain give rise to specific types of tumors, and some tumors are categorized based on the types of cells they are made of. Here's a summary:

- **Meningiomas:** Form in the meninges, the protective lining of the brain.
- **Pituitary tumors:** Develop in the pituitary gland.
- **Medulloblastoma tumors:** Arise from the cerebellum or brainstem.
- **Skull base tumors:** Grow on the underside of the brain, known as the skull base.
- **Gliomas:** Composed of glial cells, a category that includes various types such as glioblastomas, astrocytomas, and oligodendrogliomas.



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JONATHAN OTTO

"I remember the number and the adversity, the percentage of people having adverse reactions. And then the final page was, the final seven pages listing diseases. Now, I wanna ask you about this in regard to cancer because a lot of these are all linked to cancer, even autoimmune disease as set category of diseases, is directly linked to cancer according to various studies. One in Australia was showing that if you had autoimmune disease, you were 5 times more likely to have any types of cancer from skin cancer to pancreatic cancer because it's a dropping of the immune system with a losing of the defense system that creates opportunity for any kind of cancer to grow. So, I'd love to hear what you're discovering and finding on this level."

DR. RYAN COLE

"Yeah. And this was an early signal I saw when the shots rolled out, was cancers at the uterus, endometrial cancers. Because usually, I'll see 1 or 2 a month in my lab and I was starting to see 2 or 3 a week after the shots rolled out. And then, melanomas of the skin were thicker and starting to appear in younger patients. Every time a decile, the age group would go down for groups that could get the shot, the melanomas would go up. The melanomas were thicker and they were more aggressive in terms of mitotic activity. And then, as I've traveled the world, I've had countless physicians approach me. I was in Tallahassee about a month and a half ago, chair of oncology comes up to me. He says, "I'm glad you pointed out what you said about cancer." He said, "I usually see a brain tumor, a decade in a young patient. After the boosters, I've seen 5 in 1 month."

Then I'm in Jacksonville, the next morning. A family doc, and he said, "You know, it's odd. I've been listening to your lectures. I usually see a kidney cancer every 5, 10 years, now in the last month after the boosters, I've seen 5 in 1 month." Here at this conference, one of the presenters came up to me and said, "Hey, my patients, couple of them were stable, cancer clear. They came to the clinic, Stage IV disease were cleared. By all scans, they were clear. Kinda snuck in, got the booster underneath the doctors, against doctors wishes and orders. Stage IV disease back again." Like that, like a wildfire. And it's all these different mechanisms of this synthetic mRNA, this lipid nanoparticle, this persistence spike protein, suppressing our immune cells, our killer T cells, et cetera, that's allowing cancers to wake up.

You and I have some cancer cells right now. We have competent immune systems. Our natural killer cells throw little hand grenades in those, clean out and clear out those abnormal cells. All day long, our body is just cleaning house, making sure everything's healthy and well, recognizing friend or foe. But what's happening with these shots is it's allowing cancers to wake up because it's suppressing our body's own defenses against the cancer.

And I was in the UK just last weekend, and same thing there, doctors and nurses coming up to me left and right, "Look, I've been in medicine for 30 years and I am seeing more cancer walk into my office after the boosters rolled out than I have seen in my entire career." It's happening everywhere. And it's not just now, just a casual, anecdotal observation, it's everywhere. Is everybody getting cancer? No, absolutely not. Some people's immune systems are different than others, but enough of an immune suppression from these shots is really putting many people into that high-risk category."



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JONATHAN OTTO

“The golden question you probably get asked is cancer, we’ve understood to take 5, 10, 15 years to develop. How could you be saying that someone would either have their first occurrence of cancer or a resurgence of cancer so quickly after having a shot?”

DR. RYAN COLE

“That’s a great question and the short answer is because the shot and the spike are so devastating to the immune system, the cancers that would normally grow slowly, like you’re mentioning, they don’t have anything to stop them. So, you get one shot, okay, you may be slightly immunosuppressed. We know from the Pfizer data that you’re suppressed for weeks after that shot. That’s why everybody got COVID after the shots.

But at the same time, some of the blood panels we look at in the lab are showing that these patients that get that second or third shot their CD4 and CD8 T-cell counts are down for a long time and your CD56, natural killer cells are down as well. If those aren’t awake and in harmony, fighting off those malignant cells that are constantly brewing in our body, then you don’t have the ability to keep that in check. I’ve heard some people call them turbo cancers or wildfire cancers. They’re behaving in a way that we normally don’t see cancer behave because all these mechanisms have been suppressed.

And that explains it because in any given setting, usually you do have a moderately competent immune system. And we’re not seeing that after people get enough of these shots.”

DR. LEE MERITT

“So what is happening is though that we know that when people take the vaccine, they tend to blossom out with various things including cancer and if they had cancer before and it was in remission, suddenly it gets worse and they have mets all over them. But what’s interesting to me is in the military, and I was in the military for 10 years, and I can tell you that one of the most common cancers that crop up in the military, which is a classic cancer of young men, is testicular cancer.

And you might have one cancer node in a testicle and they can deal with it, or maybe it has blossomed out, but usually it’s not all over. It’s not a metastatic disease. But what we’re seeing after the vaccine in the military troops is these young guys are showing up and they’re having metastases all over the place. They’re diagnosed with cancer with multiple mets. People are showing up with brain cancer at ages we don’t see that usually.”

“So they know about this and they treat people. If we lived in Egypt, we would probably all be on an anti-parasitic protocol, but we’re not because America is being excluded from what the truth of this is. So these are young men and women in the military, go overseas. They do all these things and they get some parasites, but they’re young, healthy people. Their immune systems took care of them until we knocked out their toll-like receptors and other parts of the immune system with this vaccine ... non-vaccine. And suddenly these things break out all over them.”

CHAPTER 3

SYMPTOMS



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The symptoms brought on by brain tumors really depend on where they are, how big they've gotten, how fast they're growing, and what stage they're at. Interestingly, some slow-growing, nonmalignant tumors can sneakily become quite large without showing many symptoms, mainly because they don't cause swelling in the brain tissues. But here's the kicker: even though they're not cancerous, if these tumors are in tricky spots or have gotten big, they can be just as life-threatening as the faster-growing, malignant ones. It's like they throw you a curveball when you least expect it.

Symptoms that you could experience:

- Deep, dull headaches that persist without relief for extended periods
- Difficulty walking, speaking, or articulating
- Dizziness and loss of balance
- Eyesight problems, including double vision
- Seizures or convulsions
- Vomiting, especially in the morning or at night
- Personality changes
- Weakness or paralysis in one part or one side of the body
- Vision changes
- Hearing changes
- Facial numbness or tingling
- Nausea, swallowing difficulties, and confusion
- Abnormal pulse and breathing rates
- Difficulty thinking and disorientation

Brain cancer is a complex condition that requires a comprehensive understanding of its types, stages, and impact on patients and families. By staying informed and seeking appropriate support, individuals affected by brain tumors can navigate their journey with greater knowledge and resilience. (4)

Symptoms specific to the location of a brain tumor include:

- **Pressure or headache near the tumor:** Typically experienced in close proximity to the tumor.
- **Loss of balance and difficulty with fine motor skills:** Linked with tumors in the cerebellum.
- **Changes in judgment, initiative loss, sluggishness, and muscle weakness or paralysis:** Associated with tumors in the frontal lobe of the cerebrum.
- **Partial or complete loss of vision:** Caused by tumors in the occipital lobe or temporal lobe of the cerebrum.
- **Changes in speech, hearing, memory, emotional state (aggressiveness), and word retrieval difficulties:** Develop from tumors in the frontal and temporal lobe of the cerebrum.
- **Altered perception of touch or pressure, one-sided arm or leg weakness, confusion with left and right sides of the body:** Linked to tumors in the frontal or parietal lobe of the cerebrum.
- **Inability to look upward:** Caused by a pineal gland tumor.
- **Lactation (secretion of breast milk), altered menstrual periods, and abnormal growth of hands and feet in adulthood:** Linked with a pituitary tumor.

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- **Difficulty swallowing, facial weakness or numbness, and double vision:** Symptoms of a tumor in the brain stem.
- **Vision changes, loss of part of the vision, or double vision:** Associated with tumors in the temporal lobe, occipital lobe, or brain stem.(5)

Let's examine the specific symptoms:(6)

Headaches

Intense and recurring headaches, often manifesting as persistent pressure.

In the majority of cases, a headache associated with a brain tumor tends to be concentrated in a specific region and is usually more intense during the early morning or nighttime. These headaches are often described as dull and pressure-like, exacerbated by actions such as coughing or sneezing. As time progresses, these headaches become resistant to relief from over-the-counter medications.

When brain tumors induce pain, it generally arises from the tumor exerting pressure on nearby nerves or nerve roots. Although the brain itself lacks the ability to experience pain, inflammation and compression of nerve roots can give rise to various discomforting symptoms.



Headaches associated with brain tumors often coincide with one or more neurological complications, such as:

- Nausea or vomiting
- Blurred vision
- Seizures
- Weakness or paralysis
- Speech impairment
- Memory loss
- Confusion, disorientation, or sudden personality changes (7)

Seizures

Seizures with or without loss of consciousness and bodily function.(8)

Seizures arise from disruptions in the normal patterns of electrical impulses in the brain. As a prevalent symptom of brain tumors, most patients encounter at least one seizure during the progression of their illness. The precise mechanisms behind how and why brain tumors trigger seizures remain unclear.



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Seizures exhibit considerable variability among individuals and can manifest a diverse range of symptoms, including:

- Intense emotions
- A sense of déjà vu or jamais vu
- Numbness, tingling, or a burning sensation
- Hallucinations
- Perception of strange smells or tastes
- A rising sensation in the stomach
- Muscle stiffness and twitching
- Aimless wandering
- Engaging in repetitive actions, such as fiddling with objects
- Chewing or smacking the lips
- Difficulty speaking or understanding words
- Involuntary crying out or laughing

Tonic-clonic seizures, characterized by loss of consciousness, muscle stiffening, and convulsions, can also be induced by brain tumors.

Nausea and vomiting

As a brain tumor enlarges, it occupies more space within the skull, resulting in elevated intracranial pressure. This heightened pressure can induce feelings of nausea. Additionally, brain tumors have the potential to impact hormone levels, contributing to a sense of nausea.

Nausea and vomiting may also manifest when a tumor develops in specific regions of the brain. For example, the cerebellum, responsible for balance control, can elicit feelings of dizziness and nausea if a tumor applies pressure to it. Similarly, pressure on the brain stem might lead to double vision, subsequently triggering nausea.

Although nausea and vomiting can be associated with a brain tumor, it's crucial to recognize that they are more commonly linked to unrelated conditions, such as stomach issues, the flu, migraines, pregnancy, and food poisoning.

If other potential causes have been ruled out, it's essential to pay attention to whether your nausea:

- Persists for at least a week
- Intensifies in the morning
- Worsens when lying down
- Aggravates after abrupt changes in positions

These signs may indicate a potential connection to a brain tumor. Additionally, it is important to monitor for other symptoms of a brain tumor, as it is uncommon for a brain tumor to solely cause nausea and vomiting without any accompanying indications.(9)

Numbness

Brain tumors have the potential to induce numbness and tingling in various regions of the body, including the face, arms, hands, legs, and feet. This occurs because the brain plays a crucial role in interpreting sensations throughout the body. Sensory receptors transmit signals through nerves and spinal nerve roots, traveling up the spinal cord and brainstem to the brain for processing. A brain tumor can impede this pathway, leading to sensations of numbness and tingling.

It's noteworthy that numbness and tingling resulting from a brain tumor typically impact only one side of the body. The specific area affected will be contingent upon the tumor's location within the brain.

Numbness and tingling may not always indicate an immediate cause for concern, as they can be attributed to various conditions unrelated to brain tumors, such as:

- Carpal tunnel syndrome
- Insect bites
- Migraines
- Spinal injuries, including herniated discs, spinal tumors, and sciatic nerve compression
- Vitamin B12 deficiencies

Additionally, numbness and tingling can occur after prolonged periods in a single position. Nonetheless, it is advisable to seek medical attention if experiencing numbness and tingling, particularly if accompanied by other symptoms indicative of a brain tumor. (10)

Vision loss or “seeing double,” especially common with tumors in the temporal or occipital lobes

While eye problems commonly arise from conditions not associated with brain tumors, such as astigmatism, cataracts, detached retina, and age-related degeneration, there are instances where tumors within the brain can contribute to vision issues.

Brain tumors may result in the following vision problems:

- Blurred vision
- Double vision
- Abnormal eye movements
- Sensitivity to light
- Loss of vision

Vision problems can arise when a tumor applies pressure to specific areas of the brain. For example, the occipital lobe, responsible for processing visual information, can be affected by a tumor, leading to various sight issues. Alternatively, a tumor impacting the brain stem might result in double vision. Eye problems may also occur when



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a brain tumor exerts pressure on the optic nerve or when increased pressure within the skull causes swelling at the back of the eye (optic disc), a condition referred to as “papilledema.” Additionally, brain tumors that invade or exert pressure on neural connections between the eyes and the occipital lobe can cause the loss of parts of the visual field, resulting in blind spots.

If a brain tumor places significant pressure on the optic nerve, it can lead to blindness. For many patients, the onset of vision loss is gradual, initially presenting as blurry vision, double vision, or an expanding blind spot. As the tumor continues to grow, it exerts increased compression on the optic nerve, resulting in more pronounced vision loss. It is crucial to address any vision problems with an optometrist or primary care doctor. While discussing such concerns might be daunting, it’s important to recognize that there could be various reasons behind vision problems, and brain tumors are relatively rare.

Orbital tumors have the potential to induce blindness and other vision-related issues, as they develop within the bony socket cradling the eye, along with the nerves, muscles, and connective tissues responsible for eye movement. (11)

Several prevalent orbital tumors include:

- Osteomas
- Sarcomas
- Paranasal sinus tumors
- Fibrous histiocytomas
- Metastatic cancer (cancer originating from a different location in the body)

Speaking

Difficulty speaking, hearing, or remembering things, particularly common with tumors in the frontal or temporal lobes

Brain tumors can manifest a range of symptoms, including memory loss and speech difficulties. The frontal lobe, situated near the forehead, and the temporal lobe, located directly behind and below the frontal lobe, play crucial roles in speech and memory processes. Therefore, the likelihood of encountering issues increases if a tumor forms in these specific areas of the brain.

The process of memory involves three stages: creating a memory, storing the memory, and recalling the memory. A brain tumor can impact any of these stages. In some cases, individuals may struggle to recall memories that were formed before the development of the brain tumor, a condition known as “retrograde amnesia.” In other instances, memory loss pertains to memories formed after the brain tumor developed, termed “anterograde amnesia.”

A brain tumor can impede communication capabilities in various physical and mental aspects. (12)



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For instance, individuals with a brain tumor may encounter difficulties in:

- Articulating words and producing sounds
- Retrieving the correct word
- Comprehending spoken language from others
- Reading
- Writing

Mood

Changes in mood or personality, such as aggressiveness, confusion, disorientation, and difficulty sleeping.

Brain tumors frequently lead to personality changes and sudden mood swings. While the nature and intensity of these mood alterations can vary among individuals, it is quite common for someone with a brain tumor to experience heightened:

- Aggression
- Anxiety
- Apathy
- Confusion
- Depression
- Forgetfulness
- Irritability

Individuals with a brain tumor often face challenges in relating to others. For instance, they may encounter difficulty identifying emotions in themselves and others.

Additionally, they may exhibit behavior that is socially or culturally inappropriate, as if they have lost their inhibitions or sense of restraint. (13)



CHAPTER 4

IMPACT OF COGNITIVE IMPAIRMENT

Seizures

In a study conducted by Klein M, Engelberts NH and van der Ploeg HM, Epilepsy in low-grade gliomas: the impact on cognitive function and quality of life, it was discovered that seizures in glioma patients can lead to a decline in various cognitive areas. Studies suggest that low-grade glioma patients may experience seizures more frequently than those with high-grade gliomas.

In a particular study, antiepileptic therapy effectively controlled seizures in only about half of the patients. While another study, Survival, prognostic factors, and therapeutic efficacy in low-grade glioma: a retrospective study in 379 patients, found seizures to be a prognostic factor, others indicate that seizures could have a positive prognosis when occurring without other symptoms. (14)

Fatigue

Fatigue emerges as a prominent symptom for individuals with high-grade gliomas, potentially surpassing its impact on those with low-grade tumors. In a study by Brown PD, Ballman KV, Rummans TA, et al, Prospective study of quality of life in adults with newly diagnosed high-grade gliomas. J Neurooncol. 2006;76: 283-291, cases of recurrent malignant gliomas revealed that fatigue may be prevalent in approximately 89%–94% of patients.

Within a study involving patients with high-grade gliomas enrolled in three phase II protocols, approximately one-third experienced significant fatigue, which independently correlated with poorer overall survival. This study also identified a correlation between Eastern Cooperative Oncology Group performance status, overall quality of life, excessive daytime sleepiness, and increased fatigue.

Similarly, for patients with low-grade gliomas, a small study indicated that, among all quality of life variables tested, fatigue exhibited the strongest association with overall quality of life. This underscores the pervasive impact of fatigue across different glioma grades and emphasizes its significance in assessing and managing the quality of life in affected individuals. (15)

Sleep Disruptions

Sleep disruption is a prevalent issue among patients with primary brain tumors. In a neuro-oncology clinic study by Wellisch DK, Kaleita TA, Freeman D, Cloughesy T, Goldman J, Predicting major depression in brain tumor patients. Psychooncology. 2002;11: 230-238, assessing the occurrence of major depressive disorder, around 31.6%–52% of evaluated patients exhibited some form of sleep disturbance.

Additionally, data from other patient series, as indicated by Taphoorn MJ, Stupp R, Coens C, et al, Health-related quality of life in patients with glioblastoma: a randomized controlled trial. Lancet Oncol. 2005;6: 937-944, suggest that individuals with high-grade gliomas may experience an even higher prevalence of sleep disruption.

This emphasizes the significance of this problem in such cases, underscoring the need for a comprehensive understanding and effective management of sleep-related issues in patients with high-grade gliomas.

Pain

Glioma patients frequently contend with pain as another notable symptom. According to a study by Whitton AC, Rhydderch H, Furlong W, Feeny D, Barr RD, Self-reported comprehensive health status of adult brain tumor patients using the Health Utilities Index. *Cancer*. 1997;80: 258-265, the self-reported comprehensive health status of adult brain tumor patients highlighted the prevalence of pain in this population. The most prevalent form of pain among glioma patients is headaches, which affect over 50% of individuals with high-grade gliomas.

Mood Disturbances

Research on mood disturbance in brain tumor patients has yielded diverse findings, reporting depression rates ranging from 7.9% to 90% in a study by Mainio A, Hakko H, Niemela A, Koivukangas J, Rasanen P, Depression and functional outcome in patients with brain tumors: a population-based 1-year follow-up study. *J Neurosurg*. 2005;103: 841-847, and significant anxiety in 29%–60% of cases according to Arnold SD, Forman LM, Brigidi BD, et al. Evaluation and characterization of generalized anxiety and depression in patients with primary brain tumors. *Neuro-Oncology*. 2008;10: 171-181.

Few studies employed formal criteria from the Diagnostic and Statistical Manual of Mental Disorders, 4th edition, to assess depression. Notably, in certain cohorts of primary brain tumor patients, depression emerged as the most critical independent predictor of quality of life and demonstrated adverse effects on survival. Additionally, depression may be inadequately addressed, as highlighted by a study where only 60% of patients identified as depressed by their physicians received antidepressant treatment.

Depression and Anxiety

Biological factors in brain tumor patients may underlie both depression and anxiety. For instance, rats implanted with gliomas exhibited measurable serotonin binding sites and robust expression of peripheral benzodiazepine receptors in the tumors. Additionally, specific serotonin receptors have been identified in human fetal astrocytes and glioma cell lines. The biological associations between tumors and these symptoms suggest that, in some instances, the symptoms may not only serve as prognostic indicators but also act as surrogate markers for the disease.

Cognitive Function

The examination of cognitive functioning in individuals with brain tumors has been a subject of recent research according to a study conducted by Taphoorn MJ, Klein M. Cognitive deficits in adult patients with brain tumours. *Lancet Neurol*. 2004;3: 159-168. Malignant glioma patients, in particular, face a substantial challenge regarding cognitive dysfunction, with up to 49% encountering cognitive impairment in light of the research by Klein M, Taphoorn MJ, Heimans JJ, et al. Neurobehavioral status and health-related quality of life in newly diagnosed high-grade glioma patients. *J Clin Oncol*. 2001;19: 4037-4047. Evidence from smaller trials indicates that cognitive dysfunction may be present even before the initiation of treatment, indicated by the study of Cognitive deficits before treatment among patients with brain tumors. *Neurosurgery*. 2000;47: 324-334, by Tucha O, Smely C, Preier M, Lange KW. There is a pressing need for early assessment and intervention for cognitive issues. Furthermore, the prevalence of neurocognitive dysfunction has consequences for decision-making processes and the informed consent of patients.

CHAPTER 5

NICOTINE'S INTRICATE ROLE



BEATING BRAIN CANCER

DR. BRYAN ARDIS

“THEY COULD ACTUALLY COMPLETELY REVERSE A GLIOBLASTOMA IN 72 HOURS OR LESS WITH NICOTINE.”

In an enlightening article published on August 1, 2013, by Victor Uteshev, PhD, Associate Professor of Pharmacology and Neuroscience, *Can Nicotine Actually Heal the Brain?*, nicotine takes center stage not as a harbinger of health issues but as a potential ally for cognitive enhancement and brain resilience. Uteshev’s research delves into the positive effects of chemicals like nicotine on the brain, particularly in addressing cognitive decline and reducing the risk of brain injury in aging individuals and those susceptible to stroke and trauma. As we explore the insights from this research, it becomes clear that nicotine’s impact extends beyond its conventional associations with smoking. Let’s delve into the details of how nicotine, when understood and harnessed appropriately, may offer unexpected benefits for brain health.

“Nicotine typically conjures up images of cigarettes and smoking, addiction, cancer and lung disease. But not so for Victor Uteshev, PhD, Associate Professor of Pharmacology and Neuroscience, who sees nicotine as an opportunity for good.”

Uteshev’s research concentrates on the positive effects that chemicals such as nicotine may have on the brain – in enhancing cognitive performance and resistance to brain injury, particularly in aging patients, and people who have high risk for stroke and traumatic brain injury.

“When people smoke or use a nicotine patch or even chew nicotine gum, nicotine gets in the bloodstream and in the brain, and binds to certain receptors – which ultimately create an electric current in neurons,” said Uteshev. “It changes the electrochemical status of the neuron. The neuron becomes slightly different – more excited and more resilient – and releases other chemicals which trigger a system of events which change the entire chemical environment in the brain.”

This environmental change can be either positive or negative, Uteshev said. “In the case of smoking, the change can result in negative health effects such as deficits in cardiovascular function and cancer.”

This change in brain chemicals also has proven to be beneficial, in optimal doses. “Some smokers can think more clearly for a few minutes or so after a cigarette,” he said.

“We are focusing on compounds that are similar to nicotine but can bring mostly positive effects. In many diseases and pathological conditions, the brain doesn’t create enough of these nicotine receptors and natural compounds that activate these receptors. In diseases and conditions such as schizophrenia, Alzheimer’s and traumatic brain injury, the level of activation of nicotine receptors is deficient and cannot support normal brain function. Our goal is to develop clinically tested drug therapies that can compensate for these deficits and improve or restore cognitive and autonomic functions in patients with age, disease and trauma-related impairments.”



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DR. BRYAN ARDIS

“There are solutions, anybody who’s having continuous post-COVID, long-hauler syndrome they’re calling it. Anybody you know at home struggling with, still years later, numbness and tingling all over their body, tinnitus, ringing in their ears since having a mild case of COVID, loss of taste and smells since having COVID? How about brain fog, motor deficits, new onset of diabetes, new onset of diagnosis of high blood pressure, insomnia? Anybody you know struggling with any of these scenarios or symptoms they call long-hauler COVID symptoms? It was already proven by Dr. Carlo Brogna in Italy that long-hauler COVID patients, 100% of them, have in their bowels bacteria called E. coli replicating snake venom peptides, starfish venom peptides, and cone snail venom peptides in their bowels. The exact same collection of venoms confirmed in the published study October 2021, titled ‘Toxin-like peptides found in blood, urine and feces of every COVID-19 patient,’ when Carlo Brogna and his team confirmed 36 different animal venom proteins were only found in COVID-19 patients.

The entire COVID-19 narrative, this post-COVID syndrome called long-hauler COVID symptoms, that isn’t related to the vaccines. That’s with COVID. COVID is DNA plasmids with venom spike proteins in it and they used bacteria and yeast in our bodies to replicate the venoms and if they got enough plasmids into us, our own cells would splice them together and spit out these venom proteins that are neurotoxic leading to neurological symptoms of every kind. Venoms do that. They also affect the blood with hemotoxicity, they call it, causing blood clotting or hemorrhaging, which you’re seeing after the shots and after COVID. They also cause multiple organ failure with a substance called phospholipase A2 that’s in every venom and they have those in the plasmids also. So, as we were exposed to the plasmids they called SARS-CoV-2 virus with the spike protein genes, we were exposed to these and then our body manufactured the venoms to lead to all these horrific outcomes we’re seeing longstanding.

Anybody who has long-hauler COVID symptoms right now, I did this presentation at the Reawaken Tour for the first time January of 2023, I don’t know if you saw this, did you see a study was conducted and confirmed 100% of all long-hauler COVID symptoms, 21 of them in total, were completely eradicated with one treatment? And this was for people that were suffering with their symptoms for over a year and a half and each of them had a mild case of COVID and then months later, all of their long-hauler symptoms started and they lasted for over a year and a half. At that point, they decided to do the study. What did the scientists ask them to do? One simple treatment and before they did it, they explained their hypothesis.

This is important because this is January of 2023. In the paper they disclose, “We took these patients struggling with post-COVID syndrome with over 21 different symptoms,” and they had to have these symptoms for a year and a half without resolution of any kind from medications, nutritional supplements or physical rehab. So they exhausted all of those. Then they told this group of individuals,

“We would like to do a study and see if you guys would like to participate in the trial to see if we can remit every single one of your symptoms that you’ve been struggling with for a year and a half unresolved by the medical profession or naturopaths or PT therapy.” And they all said, “Of course.” Why? They were struggling for a year and a half. They told them the hypothesis for this treatment was based on findings in 2020 in multiple countries.



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They stated and referenced the studies in early 2020 done by French researchers and Chinese researchers. They said to this group of long-hauler sufferers, in 2023 they said, "It was confirmed that the spike protein genes of COVID in January and April of 2020 were confirmed to be venom proteins primarily from two snakes, the king cobra called cobratoxin, and the krait snake and its venom is called bungarotoxin." And they stated those two venoms in reference to those research studies done by geneticists in early 2020. They said those venom proteins from these snakes target primarily one receptor, and that one receptor is called alpha-7 nicotinic acetylcholine receptors. And then they explained in the paper, January of 2023, that what they saw in 2020 was a study done on 8 million people with COVID. It was the largest survey study ever in the beginning of COVID, 8 million people they actually surveyed, 19,000 had confirmed COVID.

The smallest group they found in 8 million people during the pandemic who actually contracted any symptoms of COVID and confirmed through PCR testing was smokers, because smokers have nicotine, they said, that's circulating in their body every day that binds to the same receptors, these venom proteins do, cobratoxin and bungarotoxin. They said nicotine binds to those receptors with 30 times higher binding affinity to acetylcholine and those venoms. And this is why smokers weren't affected by COVID-19 as much as people who were never smokers or tobacco product users. So, their hypothesis to this group was we would like to give you a treatment based on all of this data that the spike proteins are venom proteins that are neurotoxic and bind to alpha-7 nicotine receptors and they asked them to do one thing for 6 days only. They said, "All of you struggling for a year and a half, will you please just wear one 7-milligram nicotine patch and put a new one on every morning for 6 days and then stop wearing the patches after 6 days?"

Will you for 4 days prior to starting the 6-day treatment of nicotine patches, will you record the severity of your symptoms on a scale to zero to 5?" And they did. They wrote down the severity of their symptoms. Zero was zero symptoms, 5 was the most extremest category or ranking for their symptoms. They did that for 4 days prior. Within 3 days of starting the nicotine patch, 50% of all of their COVID-19 long-hauler symptoms were completely gone. They stopped the treatment on day 6. Only one of the participants had any lingering symptoms that were diminishing and took up to 21 days after the first day of wearing a nicotine patch. The longest time period for any of these people struggling with long-hauler COVID symptoms was 21 days. After 21 days, zero symptoms remain for any of the people suffering for a year and a half with their symptoms.

Six days of a 7-milligram nicotine patch, which by the way is the smallest dose nicotine patch you can purchase over the counter, solved 100% of all of these long-hauler COVID-19 sufferers who struggled for a year and a half without actually any kind of relief. Why is this important? They didn't even publish this paper for another 6 months because they wanted to do a follow-up 6 months later with those same participants and find out after 6 days of a nicotine patch, did any of you have any of your lingering symptoms return at all? Zero symptoms returned in any of the participants after 6 months. At the conclusion of their study, they said, "A 7-milligram nicotine patch worn for 6 days is far superior to any medical prescription, any physical therapy and other costly medical therapies that have been attempted to remove all COVID long-hauler sufferers and everyone should use it."

"Before we go any further, they actually said, "We wanted to actually make sure anybody reading this study who might be concerned about a dependency on nicotine using 6 days of a nicotine patch." They said, "Not a single



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one of the participants after wearing a nicotine patch for 6 days had any desire for nicotine after the 6 days. There was zero dependency that occurred.” And they stated, “We don’t expect this is gonna happen to anybody who tries these 7-milligram nicotine patches.” Why is this important? Imagine the shock of this retired chiropractor that I haven’t heard a single medical doctor who’s been trying their best to prescribe medications, supplements and therapies to restore normal help to all long-hauler COVID patients. Not a single one of them have I heard is encouraging patients to try a cheap therapy over the counter of a 7-milligram nicotine patch.

But once again, nicotine has proven for 4 years now since the beginning of this pandemic to be the number one antidote to the weaponized venomous spike proteins of SARS-CoV-2 or what they call COVID-19. So, this absolutely helps to confirm continually that the snake venom theory of COVID, which was not a theory, I just happened to bring all of the published data and studies conducted by geneticists starting in January of 2020 in China, geneticists in France in April, 2020. Carlo Brogna and the Italy researchers published in October, 2021. Every single one of these DNA evaluated, studied by geneticist, it was confirmed over and over and over, COVID-19’s symptoms are a result of venom proteins that they call spike proteins. These spike protein genes are also what they’re putting in DNA plasmids. The significance about the understanding and the publication by the NIH that they did not put any SARS-CoV-2 virus in the COVID-19 mRNA shots.”

In part 2 of the interview with Dr. Ardis, he delves deeper into the mechanism by which snake venoms induce cancer. According to him, the pivotal discovery that peptides from animal venoms specifically target alpha-7 nicotinic acetylcholine receptors marked a significant turning point in his research. This revelation has led him to reconsider the potential biological agents that could be instrumental in orchestrating and shaping the entire narrative surrounding cancer and cancer research.

“This key finding that animal venom peptides target what are called alpha-7 nicotinic acetylcholine receptors absolutely was a turning point for me in understanding what weapons biologically even could be being used to actually fund and create the entire narrative of cancer and all cancer research. This is not a joke. It actually was discovered in 1956 by Dr. Stanley Cohen that when you exposed developing neurological tissue in a chicken, 1956, if you expose them to venom from a snake, it would accelerate and proliferate, as they call it, nerve growth factor, accelerating sometimes a thousand times faster nerve growth in the brain leading to what are called, what you see now, called glioblastomas. Glioma cells in the base of your brainstem are targeted by venoms because every single one of those cells are laced covered with alpha-7 nicotine receptors that these venoms bind to.

As a result of understanding that, in 1956, Dr. Stanley Cohen discovered venom can create brain tumors. A few years later he learned that in mammals, snake venom can cause proliferation in tumors, cancerous growth in every tissue of the human body, skin, cancer, uterine cancer, ovary cancer, liver cancer, stomach cancer, testicular cancer, any organ or skin that has epidermis will grow cancer in the presence of venom. That same guy won a Nobel Prize in 1986 for discovering two factors found in venoms that when exposed to mammals, it will actually create nerve growth factor and epidermal growth factor tumors in all of those tissues. And you should ask yourself, why are we celebrating someone who discovered venoms will accelerate cancer growth and tumors?



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During the pandemic in the year 2022, cobratoxins and conotoxins were discovered in the Italy study with Carlo Brogna and the rest of his research team. They discovered over 15 different conotoxin venoms, multiple cobratoxin venoms in every single COVID-19 positive patient's bloodstream and in their feces, the same venom-based spike protein genes are in the plasmids in these COVID-19 shots. And what are you seeing as a result of these COVID-19 shots in young populations of individuals, we're talking teenagers, young 20-year-olds now, what they call turbo cancers. Glioblastomas in the brain being the most popular diagnosed, sometimes killing individuals within two weeks of diagnosis versus months that we were seeing before these vaccines were introduced. Well, why would these young people be developing brain tumors at an accelerated rate leading to death after the COVID-19 shots?

Well, during the pandemic in the year 2022, researchers, while we were on lockdown, were actually doing experiments injecting animals with conotoxins and cobratoxin, the spike protein of COVID. And they found that it will cross the blood-brain barrier within 72 hours of the animal. It targets the alpha-7 nicotine receptors on glioma C6 cells. Within 72 hours, they can confirm a glioblastoma was being formed by the venoms' attachments to those nicotine receptors. After 72 hours of watching the brain tumor grow, these scientists would inject the animals with two different doses of nicotine and they show the results at 1 microliter per milliliter of blood. When they introduced nicotine within 72 hours, the glioblastoma was dissolved by half the size just with nicotine. They then suspended the study at the end of 72 hours. And I keep asking myself, wouldn't you as a researcher be shocked to see such an amazing result of a brain tumor being dissolved by half in 72 hours with something as simple as nicotine? Why would you terminate the study at hour 72? Why wouldn't you continue to see how long will it take for nicotine to completely dissolve that tumor? I think you all at home know the answer to that question. They don't want to know that nicotine can completely reverse cancerous tumors in any part of your body..."

"At the same time, they were testing to see if the venoms found in every COVID-19 patient caused brain tumors called glioblastomas and that they can reverse it in less than 72 hours with nicotine. The same time they were investigating the same venoms injected into animals to see can they create Parkinson's animals, seriously, in less than 72 hours. Can they create type 1 diabetics in less than 24 hours?

And can they create myocarditis in a mammal? All of which these four conditions are considered irreversible in humans. Do you know that in every single case during the pandemic while we were being locked down, researchers around the world were injecting the same venoms they found COVID-19 patients, the exact same ones found to be the spike proteins of COVID? They're injecting them into animal models, which by the way, science calls us animals.

They reference human beings as animals. This is why they do all the research of their drugs and vaccines on animals before they give it to you. They are injecting all of these animals with these venoms and creating four different supposed irreversible human diseases. And in every single scenario, all they did was supply strict nicotine into these animals and reversed glioblastomas, type 1 diabetes, which supposedly is irreversible. They reversed Parkinson's. Did I already say that? Nope. They reversed Parkinson's in 72 hours. And they reversed myocarditis after treating the animals with nicotine for 72 hours, only 72 hours. By day 14 after treatment, the myocarditis was reversed. Ask your doctor if nicotine is right for you."

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DR PETER MCCULLOUGH

"A lot of people don't understand that the human body has nicotine receptors. They're called nicotinic acetylcholine receptors. And so, there's a natural neurotransmitter acetylcholine, which stimulates the end of nerves. And so, nicotine impairs that transfer, and that's really how it works in the human body. So it shifts the balance of various nervous signals, if you will. So many people when they smoke, say it calms them down, and that's an effect of nicotine. So in smoking, there are about a couple thousand different components of tar. That's the harmful part of smoking. Now the reason why smoking is addictive is nicotine. Nicotine itself is addictive, but it's not harmful. It's not considered a harmful addiction, just like caffeine is addictive. But drinking coffee is not considered to be a harmful addiction, neither is nicotine. What has been published over the last year is that the spike protein that is in the human body after the infection and after the vaccine, the spike protein does have an interface with nicotine acetylcholine receptors.

And so in fact, some of the brain fog, some of this nervousness, anxiety, and generally feeling unwell is attributed to the spike protein acetylcholine receptor interaction, and they are giving nicotine and competing with the spike protein for the receptor. Makes physiologic sense. In the manuscript we reviewed on our Substack, they have a case series of patients who did improve. Now the caveats here are nicotine, you can give it by gum, and it can be given by a variety of methods. But they decided to patch. The caveat here is using a lower dose patch, either 7 milligram or 15 milligram patch, now we can go all the way up to 21 milligrams or even higher..."

"We're learning a lot more about the spike protein, but it clearly has direct neurologic effects. I think this is the most important observation here is that the spike protein has direct neurologic effects. There's no doubt about it and nicotine clearly plays a role."



CHAPTER 6

CENSORED NATURAL TREATMENTS

BEATING BRAIN CANCER

Red Light Therapy

DR. ANTONION JIMENEZ

"So this is a nice therapy, the hydrogen inhalation to combine in an integrative setting that I believe all integrative cancer centers should avail themselves too. The next key principles, let's talk about detoxification. And we know that major toxicities nowadays are aluminum, glyphosate, and EMFs. We have to take care of cadmium, arsenic of course, and mercury. So the main area of detoxification is red light therapy, near-infrared is my favorite because we know that red light therapy does a number of things. It decreases inflammation, decreases acidity, it improves microcirculation of healthy tissue or damaged tissue without enhancing microcirculation to cancer cells. This is only effective with normal healthy tissue, which is amazing. Red light therapy also is very effective in detoxing heavy metals, heavy metals. So of course I also have red light therapy in my home and, of course, at our treatment centers.



These tools can be anything from helmets that we apply on the head for penetration into the brain at 810 nanometers. By the way, the Wellman Center for Photomedicine at Harvard led by, or formerly led by Dr. Drake, I believe her name was, uses and studies photomedicine, light therapy, red light therapy with brain pathology, neuro-degenerative diseases for example. We use it a lot in our brain cancer patients, whether it's primary or metastatic brain cancer. So detoxification is also useful with red light therapy. As I said, it's a very good natural chelator and helps us release heavy metals to the skin. Then we shift to the next key principle, which is immunotherapy. And this is a big topic of conversation of course, but I'll mention a couple of the tools and therapies that we find very, very useful. And I believe that at Hope4Cancer being very humble is that we have some of the most effective, if not the most effective non-toxic natural immunotherapies in the world.

And this is using one that we call salvus, S-A-L-V-U-S. This is tapping one's ability to increase the adaptive immune system, the memory immune system, T-cells, natural killer cells, dendritic cells, very, very important. This is an IV that we use for a shot in the buttocks. And then we have a spray that upregulates T-cell activity in natural killer cells, very, very effective. The other aspect is using a therapy that we call Sunivera™ that targets the macrophages, the first sign of defense in our body. Macrophages are interesting cells. They are located in every tissue of our body. And when there's the alarm rings, there's a damaged cell, there's a virus, there's a bacteria, the macrophage is mobilized from tissue and goes to the site of disease, the site of a damaged cell, of a pre-malignant cell of a pathogen, a microbe, and annihilates them."



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Brain Health

- Involves using LED devices emitting red (630-660 nm) and near-infrared (810-850 nm) light.
- Studied wavelengths show a stimulating effect on the human body.
- Encouraging trials suggest potential benefits for brain cell metabolism and inflammation reduction.
- Promising for enhancing overall brain function, treating psychiatric disorders, and aiding healing from stroke or injury.
- Penetrates human tissue, including bone, making it a potential treatment for brain health.(16)

Benefits of Red Light Therapy on Cell Metabolism

- Red and NIR light stimulate metabolic energy production in mitochondria.(17)
- Mitochondria act as cells' "batteries," producing energy for neurons and bone marrow stem cells.
- Red light therapy enhances ATP production, the primary fuel for most cells.
- Energized cells function more efficiently, improving overall cellular performance.
- Mitochondrial dysfunction, linked to oxidative stress and inflammation, is implicated in diseases like Alzheimer's and Parkinson's.

Red Light Therapy and Stem Cell Production

- Red light therapy stimulates the production of stem cells, the body's master cells.(18)
- Stem cells reside in bones and bone marrow, remaining in an inactive state until mobilized.
- Mobilization typically occurs in response to injury, cell death, or dysfunction.
- Red light therapy may enhance the activation and mobilization of stem cells.

Scientists led by Gang Han have developed a novel nanoparticle strategy combined with FDA-approved photodynamic therapy to effectively kill deep-set cancer cells in vivo with minimal damage to surrounding tissue, potentially expanding the use of photodynamic therapies to access deeper tumors. The strategy involves using upconverting nanoparticles (UCNPs) that act as relay stations, converting deep-penetrating near-infrared light into the visible red light needed for photodynamic therapies. This approach shows promise as a noninvasive treatment for tumors beyond 1 cm in depth, such as breast, lung, and colon cancers, with reduced side effects compared to chemotherapy. (19)

Venom Detox

DR. BRYAN ARDIS

"Then there are principles, nutrients you should put in the body that are proven to detoxify and break down spike proteins or venoms. You can call them whatever you want. They're venom peptides. That's what they are, and that's okay, you can call them whatever you want, but to detoxify venom, you better go figure out what the research and pharmaceutical companies know, and do it. There's a few published inhibitors, detoxifiers, and denatures of venoms, and we should tell you what those are. For anybody trying nicotine and you have long hauler COVID symptoms, you need to take, I would suggest, small amounts of nicotine at first, starting with 2 milligrams a day. The body will start letting go of venoms. Wherever those venoms go, you're going to have symptoms."



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So, at the same time, you want to be taking things to detoxify the venom floating around. Venom can live in the body for 10 years. Even after you've been bitten by a snake and been treated, the venom can still be identified in your body 10 years later. Well, if you take certain nutrients, you can destroy them and get them out. So, this is what I recommend from research. Spike proteins, glycoproteins, venom peptides, all the same thing, all of them can be denatured, detoxified using these things, and it's published by them. Vitamin C is a natural inhibitor of venoms. Mucuna pruriens is an herbal extract, a liquid from the velvet bean plant. It naturally inhibits the spike protein venoms of krait venom called Bungarotoxin and cobra toxin. That's been published since 1970s. That plant can inhibit it.

Also, licorice root, inside of licorice root is a compound called glycyrrhizic acid. But glycyrrhizic acid out of licorice root is a published antidote to snake bites and snake venom and to spike proteins, which are venom peptides. So, that's another one. N-acetyl cysteine is another published inhibitor detoxifier of venoms and venom components, even the venom components that are disclosed to be inside of the researcher's research papers to do mRNA gene editing therapy vaccines, the people who created these shots. They use snake venom to do it. So, those components are actually detoxified by glutathione, NAC, Vitamin C, EDTA, a heavy metal chelator is an actual complete inhibitor published to destroy venom in the human body and in all mammals, EDTA.

So, as you're taking nicotine to get the venom off your cells, you need to be taking something to detoxify it. A good list of these: glutathione, NAC, Vitamin C, EDTA, glycyrrhizic acid from licorice root. Commercially around the world, they detoxify all venoms. Before they inject it into a human as an antiviral vaccine, which they're already doing, they published that in order to detoxify the venom, before they'd inject it inside you because they say if they injected into you directly, it'll kill you. So, they have to detoxify it. They say their favorite way to do it is using hydrogen peroxide.

Now, hydrogen peroxide, there are principles behind using hydrogen peroxide. Do not use the stuff at CVS and Walgreens if you're sick or injured. That's 3% hydrogen peroxide. It has stabilizers in it that makes it not good for you to ingest, so don't do it. There are 35% hydrogen peroxide that's food grade, and Dr. Ealy and I are putting together a protocol now of how to use that successively. There's ways of doing it, and lots of people have published it. It's just not something I've used in practice for 20 years, but we are thrilled to bring this to the world. They know they can use this to detoxify people. In fact, when I found this about 2 months ago, I knew that this is why hydrogen peroxide in the nose and in the mouth before taking a PCR test. This is why it was helping people test negative for COVID.

Hydrogen peroxide detoxifies venom. The PCR tests were nothing more than being utilized as they've been utilized for 30 years to do snake venom research and confirming the presence of snake venom. That's what PCR tests are used for exclusively all around the world, identifying venom peptides in tissues of animals, humans all around the world. So, that's how hydrogen peroxide was most likely working, and that's what they published. It detoxifies venoms, which is phenomenal. So, it can help us. We know these are some of the healing principles we're very excited about. And then there's other ways to bind to venoms and draw it out. One of the main minerals that are depleted by venoms is zinc.



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We've gone over this many, many times. It specifically targets zinc, but it also specifically targets copper. I will say it here for Dr. Tau Braun because I like that guy. He's created a product called Copperine. It's a vaporized copper and zinc product that you just inhale to get copper and zinc back into the body. You will die as venom is destroying zinc reservoirs. That is another one that everyone needs to be focusing on. Also, just so you know, zinc is destroyed by venoms. Number 1 and number 2 published side effects of a zinc deficiency are loss of taste and smell and hair loss, which is what you're seeing worldwide with COVID. Well, what was identified in the COVID-19 patients in Italy was several zinc metalloproteinases on snake venom that destroys zinc reserves as a part of the cascade of venoms they isolated in the blood and feces of all COVID-19 patients. This is most likely why zinc was so important to help us."

Jonathan Otto: "Amazing, amazing. What's interesting about that as well, tell me if I'm right on this, is that the reason why people that got injured or after COVID itself had metallic tastes in their mouth?"

Dr. Bryan Ardis: "That's exactly why they did. Yes."

Jonathan Otto: "That is associated with snake bites. So, anyone can look that up and just Google that and see that from mainstream sources that if you get envenomated, you are likely to get a metallic taste in your mouth. This is what people are reporting as well. I don't know of any other conditions that causes a metallic taste in your mouth. I'm sure there may be something, but yeah, that's certainly the common one. So, we're binding to these agents, and we're assisting the body to get the absorption of these into our cells."

Dr. Bryan Ardis: "I will say something here, Jonathan. It's going to help the audiences. I think it'll help medical doctors, scientists around the world, I'm hoping and praying. As you go into looking at how venom peptides, the glycoproteins they're calling spike proteins, all of the research they're publishing, if you will just focus on nicotinic acetylcholine receptors and all sites throughout the body, those are the targets, the primary targets of all the spike proteins they're calling COVID. Those are the targets. They line your brain, they line their heart, they line your testes, your ovaries. They're even on the outside of your T-cells. They fight infections. This is what venom targets."

If you really want to get really good at identifying how to save people, you need to research or use drugs or compounds or natural substances, I prefer nature, natural substances or medications that are what are called agonist, A-G-O-N-I-S-T, of alpha-7 nicotinic acetylcholine receptors. There are a few drugs that they've developed to do that. Nothing is better than nicotine. Ivermectin is also an agonist for alpha-7 nicotinic acetylcholine receptors, which is why it worked for so many. But what was interesting is when people were taking Ivermectin to try to beat their long hauler COVID symptoms, they were taking it every day for 6 months.

When I would tell them to chew nicotine gum, taste and smell, tinnitus, brain fog, deafness would be restored in 45 minutes for some people when they were trying ivermectin for months. The truth is God perfectly designed these receptors to bind and prefer nicotine over anything else. Venoms, ivermectin, you name it, it doesn't matter. The body is perfectly designed to use nicotine. As you watch the agenda around the world, it's going to become very clear to you. They know this about nicotine. Why do you think Canada, England, New Zealand, Australia, and America in the last 6 months have taken on national health agendas to eradicate all nicotine products from the country?"

BEATING BRAIN CANCER

Oxygenation

DR. RYAN COLE

Jonathan Otto: “Interesting. I think with the hydrogen water, it’s not necessarily like people trying to push the alkaline really, with the Kangen water, I think it’s a whole different type of attack with the hydrogen, it’s hydrogenating it. Because there’s been 117 studies done with cancer and hydrogen water.”

Dr. Ryan Cole: “Well, the more you can oxygenate the body, the better, period. As many talked about at this conference and I’ve talked about before, cancer is a hypoxic state. And the more you can oxygenate the cells, your immune cells are gonna function better. I have a hyperbaric chamber at home. I hyperbaric a couple times a week. Oxygenating the body for general immune health is critical. Even the vaccine injured, we’ve seen many of the vaccine injured do quite well after many hyperbaric sessions. Reperfusing those tissues, those cells that have been harmed, the mitochondria decreased. Getting adequate oxygen is critical.”

Hyperbaric Oxygen Treatment (HBOT) is a way of using oxygen at high pressures. It’s already known to work well for things like carbon monoxide poisoning and certain types of wounds. Recently, people have started using it to help with memory, overall brain health, and life quality after things like head injuries or strokes. This is especially interesting for older individuals and for treating brain-related diseases and memory issues. Scientists are studying how HBOT works on a cellular level, looking at its effects on different processes in the body. It’s turning out to be an important tool for both research and medical treatments, especially for conditions related to the brain. This review will explore how HBOT works and its effects on the body, memory, and different brain disorders. (20)

Gliomas are common brain tumors with a high mortality rate, often leading to a survival duration of less than 15 months due to their high recurrence and resistance to radiotherapy and chemotherapy. Hyperbaric oxygen is widely used as an additional treatment for various diseases. Studies indicate that, in general, hyperbaric oxygen has a positive impact on treating gliomas and can alleviate complications from postoperative radiotherapy and chemotherapy. (21)

Hyperbaric oxygen therapy for brain cancer is becoming a promising alternative, drawing attention from medical professionals and researchers. In this treatment, individuals breathe pure oxygen in a pressurized chamber, allowing the body to absorb more oxygen than usual. This heightened oxygen flow is believed to assist in combating cancer cells and supporting the healing process.

Hyperbaric oxygen therapy (HBOT) is a non-invasive medical treatment where individuals breathe pure oxygen in a pressurized hyperbaric chamber. Although this therapy has been used for decades to address various health conditions, recent research suggests it may offer significant benefits for individuals with brain cancer. (22)





BEATING BRAIN CANCER

The Benefits of Hyperbaric Oxygen Therapy (HBOT) for brain cancer include:

- Increased oxygen delivery to cancer cells
- Enhanced effectiveness of traditional treatments
- Reduced side effects of treatment
- Promotion of healing and tissue regeneration
- Improved quality of life

Research indicates that hyperbaric oxygen therapy (HBOT) can facilitate the healing of radiation-induced brain injury, a prevalent side effect of radiation therapy. A study published in the Journal of Cancer Research and Therapeutics demonstrated that this therapy reduced inflammation and oxidative stress in the brain, resulting in enhanced cognitive function and an overall improvement in the quality of life for patients.

Exercise

DR. RYAN COLE

“Number 1, exercise, because you’re circulating your blood more and so, you’re oxygenating your tissues. We have too sedentary of a society. One the simplest ways is to move your body.”

Experiencing fatigue and depression is common after being diagnosed with a brain tumor. If left unaddressed, these effects can adversely impact both your personal and professional life. However, incorporating exercise into your routine may offer benefits in alleviating fatigue and depression. (23)

Just five minutes of gentle exercise can provide individuals living with tumors with:

- Increased energy
- Reduced pain
- Improved sleep quality
- Enhanced sense of wellbeing
- Increased appetite
- Decreased anxiety

If you have a brain or spine tumor and are dealing with treatment side effects affecting your movement and balance, exercise may help reduce symptoms and enhance your well-being. However, it’s crucial to consult your healthcare team before starting any exercises. They can advise on the recommended type, amount, and any restrictions for your safety.

Exercise doesn’t have to be strenuous and can be tailored to your condition. Examples include mild activities like stretching and gentle movements, moderate exercises such as walking and light resistance training, and intense activities like running or heavy resistance training. Regular exercise can alleviate fatigue, anxiety, and depression, while improving sleep quality.



BEATING BRAIN CANCER

It's essential to pay attention to your body and consult with your doctor or physical therapist to determine the most suitable exercises based on your unique needs and abilities. Consider any limitations, such as lifting restrictions or movements that may impact specific symptoms. If you're at risk of seizures, overheating and rapid breathing should be monitored, and it's advisable not to exercise alone to prevent potential falls or injuries. (24)

Sleep

Having a brain or spine tumor and undergoing treatments can disrupt your sleep, which is essential for physical and mental health and overall well-being. Inadequate sleep can impact your immune system, elevate the risk of heart disease, anxiety, and depression. Sleep provides the necessary time for your body to rest, recover, and reset for the next day.

Here are some sleep tips:

- Stick to a consistent sleep schedule.
- Go to bed when you feel sleepy.
- Develop a bedtime routine to help you relax.
- Practice relaxation techniques like meditation and breathing exercises.
- Avoid electronic devices 20 to 30 minutes before bedtime.
- Keep your bedroom dark with blackout curtains and cover bright electronics.
- Limit caffeine intake, especially before bedtime.
- Exercise at least three hours before bedtime.
- Associate your bed solely with sleep, limiting screen time in bed.
- If you can't fall asleep within 20 minutes, try reading a book or getting out of bed until you feel sleepy.

Nutrition

Prioritizing a healthy and balanced diet is crucial. It provides essential nutrients to strengthen your immune system, boost energy, and help maintain a healthy weight.

Here are some nutrition tips:

- Limit processed foods with added sugars and fats.
- Include plenty of fruits and vegetables in your diet.
- Avoid sugary drinks and alcohol, as they can worsen symptoms.
- Stay hydrated by drinking plenty of water.
- Consume small meals daily to support metabolism and control blood sugar.
- Keep a food log to monitor your intake of healthy foods.
- Pack small, healthy snacks for when you're on the go.
- On weekends, plan and prepare healthy meal options in bulk to consume throughout the week.
- Consider allowing yourself a weekly or monthly "cheat day" for indulgence.

Optimizing Breath

DR. RYAN COLE

"Number 2 is simple breathing exercises, even without a hyperbaric chamber. There are certain supplements, like you mentioned fulvic acid that can help increase the oxygen retention within certain tissues and what-not as well. Start simple. Move your body and do breathing exercises. If you can find access to a hyperbaric chamber, great, do it. If you can find some supplement regimen that works for your body, great, do it. Don't wear a mask, 'cause that's going to decrease your oxygen and increase your carbon dioxide retention. A lot of people, the other very simple thing, sitting at a desk, most people hold their attention in their chest, deep breathing through your nose. There's a great book called Breath. And that goes through just the understanding of breathing and our human body and there's so many cultures and societies and practices that just thrive on that breath work and that's important as well."



Breathing techniques can help individuals with brain cancer manage certain symptoms, such as shortness of breath and breathlessness. Here are some ways in which breathing techniques can be beneficial:

Managing Shortness of Breath

Shortness of breath is a common problem for people with cancer, including brain cancer. Breathing exercises and relaxation techniques can help individuals cope with breathlessness, and improve airflow. These techniques, such as diaphragmatic breathing or belly breathing, focus on breathing from the abdomen rather than shallow chest breathing. They can help ease breathing and promote a sense of calmness.

Improving Oxygenation

Deep breathing exercises can promote the delivery of oxygen to tissues, including the brain. By focusing on deep, diaphragmatic breaths, individuals can increase oxygen intake and improve oxygenation throughout the body, potentially benefiting brain health.

Relaxation and Stress Reduction

Breathing exercises can also help individuals with brain cancer manage stress and promote relaxation. By engaging in slow, controlled breathing, individuals can activate the body's relaxation response, which can help reduce anxiety and promote a sense of calmness.



BEATING BRAIN CANCER

Nitric Oxide

DR. RYAN COLE

“Nitric oxide is antiviral. Nitric oxide dilates your vessels, which is another way to get more oxygen to your body. Nitric oxide, at the cellular level, simple vagal nerve activation will actually produce nitric oxide in the sinuses, which becomes antimicrobial, which is fascinating. But at the same time, there are some supplements you can take. You can take L-arginine and citrulline that can help release nitric oxide at the cellular level as well, which again, will dilate your vessels and allow more oxygen to perfuse your tissues. There’s just so many simple things in life one can do. Doesn’t have to be from an expensive medical, pharmaceutical product or system that you can do to just optimize health.”

Oncolytic and Oncotropic Methods

DR RYAN COLE

Jonathan Otto: *“Do you mind explaining oncolytic and oncotropic, the concept of taking things that can specifically target and kill cancer cells?”*

Dr. Ryan Cole: *“Yeah. There are agents in the body. Tumor cells will have different protein markers that are expressed on the surface of them. Your body is going to send things that are gonna try to find where that cancer is and bind it and blow that cancer up. Oncolysis, you wanna break down the cancer cells. Oncotropic, tropism means a walking towards and you wanna be able to pull whatever you have in your body that’s gonna attack a cancer towards wherever that cancer is...”*

“Really what you put into your body, you wanna make sure it’s things that aren’t going to help grow the cancer and things that are gonna go into your body, find the cancer and blow that cancer up. It’s really optimizing immune health. It’s optimizing body inputs and avoiding things that are harmful.”

Jonathan Otto: *“And mushrooms are a part of that?”*

Dr. Ryan Cole: *“Mushrooms are part of that... To consume them. Eat them, to take them in a powder as a supplement. Again, the closer to nature you can eat, the better...”*

Jonathan Otto: *“There was a study done with women taking a button mushroom a day and taking green tea and their reduction in breast cancer rates were so high, that I even feel comfortable saying on camera.*

Mushrooms are a good source of Vitamin D, believe it or not. One of the few plant sources for Vitamin D. And the more you let them sit after you cut them, put them on your counter, they actually will synthesize Vitamin D. That’s good for you.”

Medicinal Mushrooms

Medicinal mushrooms, historically used in Asia for infection treatment, are now employed in Asia to treat lung diseases and cancer. Approved as adjuncts to standard cancer treatments in Japan and China for over 30 years, they are considered safe, either alone or with radiation/chemotherapy. Over 100 mushroom types are used, including *Ganoderma lucidum* (reishi), *Trametes versicolor* or *Coriolus versicolor* (turkey tail), *Lentinus edodes* (shiitake), and *Grifola frondosa* (maitake). Research focuses on their impact on the immune system and potential to inhibit tumor growth, particularly compounds like beta-glucans in turkey tail mushrooms.(25)

Mushrooms contain bioactive compounds that have been found to exhibit antitumor effects. For example, studies have shown that mushrooms like *Antrodia camphorata* and *Cordyceps militaris* can inhibit the NF-B signaling pathway, which is involved in cancer cell survival and proliferation. (26) Additionally, compounds like grifolin from *Albatrellus confluens* have been shown to inhibit the growth of certain cancer cell lines. (27)

Apoptogenic Mushrooms

(28) The growing interest in alternative cancer treatments has led many to explore medicinal mushrooms with apoptogenic properties for cancer prevention and treatment. Apoptosis, a naturally occurring process of programmed cell death, is stimulated by various medicinal mushrooms. These mushrooms promote apoptosis, enabling the body to target and eliminate damaged or mutated cells without harming healthy cells, offering a potential avenue for cancer therapy. Recent cancer research emphasizes the significance of targeting apoptosis in cancer therapy, especially for advanced cancer types. Unlike conventional cancer drugs and radiation therapy, treatments relying on programmed cancer cell death aim to preserve healthy cells while eliminating cancerous ones.

The consumption of apoptogenic mushrooms is linked to a reduced cancer risk, aiding the body in combating the disease while maintaining immune function. Alternative medicine professionals often recommend incorporating medicinal mushrooms alongside traditional treatment options. Additionally, functional mushrooms serve as adjuvant therapy, lowering the risk of cancer recurrence during remission and bolstering the immune response in cancer patients.

Research on the anticancer effects of medicinal mushrooms is still in the early stages, but some mushrooms exhibit notable apoptogenic properties.

Mushrooms with proven anti-cancer activity include:

- *Hericium erinaceus* (lion's mane mushrooms)
- *Cordyceps militaris* and *Cordyceps sinensis*
- *Trametes versicolor* (turkey tail mushrooms)
- *Inonotus obliquus* (chaga mushrooms)
- *Ganoderma lucidum* (reishi mushrooms)
- *Grifola frondosa* (maitake mushrooms)
- *Phellinus linteus* (black hoof mushrooms)

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DR. JOEL FUHRMAN

"And next are the onion family and the mushroom family. And onions are linked to these organosulfide compounds. And onions are linked to tremendous immune benefits including protection against cancer. Onions lower blood pressure, they lower blood glucose, they have estrogen-binding effects. In other words, what I'm saying is onions have such protective effects. They're also built by healthy bacteria in the gut. And they're linked to about 50 to 88% reduction of cancer instance in people who eat regular consumption of onions every day, dramatic benefits on reduction of cancer. And then mushrooms. Many people know mushrooms are incredibly protective against cancer. And it's so fascinating to me that mushrooms are the nature's richest source of ergothioneine. And there's actually an ergothioneine receptor on those outer surfaces of our cells. We're connected to these mushrooms in a way that they stabilize our cell surfaces and our DNA and communicates with the - sent with the DNA and then cell nucleus for anti-aging benefits and tremendously powerful effects to activate improved immune function and improved gut health through the consumption of various types of mushrooms. I encourage people to eat numerous varieties of mushrooms, not just one type."

Supplements

DR. RYAN COLE

"D3, K2. I take magnesium at bedtime every night. Anything in an '-ate' form, citrate, threonate, glycinate. I just remember I ate magnesium. And then also important, selenium is very good for T-cell activation. A little bit of zinc, just enough, not too much. I take 20 milligrams of zinc with a milligram of copper every day. Also, critically important for innate T-cell immune function. Vitamin C, daily. I take a full complement of B Vitamins. Just enough, not too much. What else? I could go down a whole list. I take a lot of different mushroom supplements and powders, the polyphenols and a lot of the anti-cancer activity of several different."



Jonathan Otto: "What do you know about that?"

Dr. Ryan Cole: *"Turkey tail mushroom is an excellent anti-cancer agent and there are Lion's Mane, Chagas, Cordyceps, reishi, agarikon, Maitake. And that's a whole rabbit hole one could go down, but there's a lot of, we're very genetically similar to fungi, believe it or not. But because of that, a lot of these fungi will - It has to do with the gene activation, gene expression profiles, turning certain genes on and off. But there are a lot of mushrooms, in adequate amounts that have been very successful in alternative medicine in terms of health and wellness and other treatments."*

Herbal Medicines

In recent years, numerous research studies have been published on the use of active agents from plants in tumor treatment.(29)

The phytotherapy approach involved the administration of five types of herbal medicine as tea, with subjects consuming each type once a day at regular intervals. Among the participants, three received herbal medicine in conjunction with standard oncological treatment, while two opted for phytotherapy after completing conventional medical treatment. The composition of herbal medicine was adjusted as needed based on the results of control scans using nuclear magnetic resonance and/or computed tomography techniques.

After 48 months of initiating phytotherapy, three patients showed no clinical or radiological signs of the disease. In one patient, the tumor exhibited reduction, maintaining a stable condition. Additionally, one patient survived for 48 months despite a large primary tumor and a substantial recurrence that developed post-treatment completion.

While there is limited scientific research on the effectiveness of herbal medicines in reducing brain tumors, some natural remedies may help reduce the risk of brain cancer, inhibit cancer cell growth, and ease common symptoms. (22)

Folate

Folate serves as an illustration of the herbal remedies employed in the treatment of brain tumors. This B vitamin variant is present in various foods such as dried beans, peas, lentils, whole-wheat products, liver, asparagus, and spinach. Its role lies in supporting the body's production and upkeep of new cells.

DR. TAS FERREIRA

"Let's talk a little bit about COVID protocols. I've had so many people reach out to me and asking me, 'What can I do?'" So let me give you simple at home solutions that has worked for many and might work for you. So first of all, when your body's alkaline, diseases do not stick. We need to get the body as alkaline as possible. And there's so many foods out there that are highly acidic. So I would recommend to start switching over to more alkaline lifestyle. So that means adding more fruits and vegetables to your life and less acidic foods. That's the first step. Second, I always love adding a green juice to your daily regimen.

And what do I mean by that? And what am I talking about when I talk about green juice? Well, there's one in particular that I love, and it has all of your greens from dandelion to chlorella to dulse and kelp, all of those seaweeds that you normally don't eat.

And you know what? Not only do you normally don't eat it, it only doesn't taste great. So it's an easy way for you to get all those nutritions into your body. And why I love them is that they're full of iodine, K2, folate, which is really replenishing for your body and for your cells."



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Chokeberry

Chokeberries, derived from the *Aronia melanocarpa* plant and known for their antioxidants, have potential cancer-fighting properties. Studies indicate that chokeberry extract may inhibit cancer cell proliferation, adhesion, and migration, potentially lowering the risk of tumor growth and metastasis.

Curcumin

Curcumin, the pigment in turmeric providing its yellow color, exhibits natural antioxidant and anti-inflammatory properties. Research indicates its potential in inhibiting cancer cell proliferation, reducing brain tumor growth, disrupting molecular signaling, and preventing possible brain metastases.(31)

DR. PETER MCCULLOUGH

"The human body can't break down spike protein. It was devised and engineered in this biosecurity lab in Wuhan, China. It's a very unnatural protein. We have found through our scholarship and careful observation that three things appear to actually be effective in clearing the spike protein, detoxifying the body from the spike protein: nattokinase, bromelain, and curcumin. Nattokinase, derived from the fermentation of soy, bromelain from the stems of pineapples and curcumin from turmeric. And we know the bromelain and nattokinase do in preclinical studies dissolve the spike protein in intact cell and cell lysate models. We know curcumin in randomized trials helps people even in with long COVID. So we have put those three together in a combination. It's called McCullough Protocol: Base Spike Protein Detoxification. We've been working on this for over a year."

DR. MICHAEL KARLFELDT

"So platelet-derived nanoparticle delivery system is fascinating. You can actually just grab the platelets from an individual, and use their own platelets as a way to offload whatever agent that it is that you want to get into the tumor microenvironment. So you have cancer cell, and then you have this inflammatory environment around it, and that controls a lot of the activity of what's going on within that cancer cell, how aggressive it is if it's dormant. It even controls whether a cancer cell is shifting towards becoming a cancer stem cell or a normal dormant cell. So the same cancer cell can then behave in different ways depending on the microenvironment. So the platelets, using the platelets to then bring something like curcumin or artesunate that will then control that inflammation or trigger oxidative stress in that environment becomes a huge tool in order to be able to maximize the delivery of an agent where you want it to be."

DR. PETER MCCULLOUGH

"Then the last that made it into the detoxification protocol that we call BSD 'Base Spike Detoxification' is curcumin, derived from turmeric at a dose of 500 milligrams twice a day, preferably with Piperine, which helps it get absorbed."

Bromelain

Bromelain, a digestive enzyme present in pineapples, has been linked to potential prevention or reduction of brain cancer. Studies indicate that bromelain may hinder cancer cell growth and metastasis, along with demonstrating anti-inflammatory properties, particularly affecting malignant glioma cells. (32)



BEATING BRAIN CANCER

DR. BRIAN HOOKER

“Another one is a protease called bromelain, which comes from pineapple. And these therapies, they’re oral therapeutics, they’re over the counter, but they’re being used very, very successfully to reverse COVID-19 vaccine injury. And you’re removing that stressor. If you’ve got spike protein circulating around your blood, and if you’ve been genetically modified and now you are permanently producing spike protein, then you need to be taking large doses of nattokinase, large doses of bromelain that can get rid of that spike protein. Don’t take my advice, but see one of these practitioners, at the flccc.net and they will prescribe the proper course of these nutritional supplements in order to help you out.

But I’m very, very encouraged that more and more people are waking up to the fact that this is causing severe injury, it’s causing cardiac injury, it’s causing respiratory injury, it’s causing circulatory injury, it’s causing neurological injury. You just don’t see people just keeling over dead in their 20s, 30s, 40s, and 50s for no reason. But the ingenuity of those that were on the front line, those that dared to question the narrative is really starting to prevail and rather than marginalizing these individuals and trying to drum them out of the medical industry, we need to be supporting them as much as we can possibly do.”

DR. PETER MCCULLOUGH

“We’re proposing detoxification because the spike protein is not proteolytically cleaved by human enzymes. As far as we know, it’s an artificial protein that was devised in the Chinese biosecurity lab in Wuhan, China.

*So people can’t get it out of their body, but natural enzymes can. So the first one up is nattokinase. Nattokinase, which is a derivative of the fermentation of soy by a bacteria called *Bacillus natto*, and nattokinase does dissolve the spike protein in multiple preclinical studies, one by Tanikawa the other, one by Oba. And so we know that nattokinase for sure is in. It’s a safe supplement. It’s been used by the Japanese. It’s a cardiovascular supplement for a very long time as a form of blood thinners. Well, 2,000 units twice a day. The next one is bromelain. Bromelain is a family of enzymes derived from the stems of pineapples, also a form of blood thinner. Bromelain in 2022 became an FDA-approved drug as a topical ointment used in burns. It’s also anti-infective. Their bromelain, the dose is 500 milligrams a day.”*

Indian Frankincense

Indian Frankincense, containing boswellic acid, a gum resin extract found in *Boswellia* species, is commonly used as a supplementary treatment for glioblastomas and malignant brain tumors. Research indicates potential mechanisms of action, including natural antitumor and anti-inflammatory properties, believed to inhibit cancer cell growth and prevent edema formation.(33)

Vitamin C

Vitamin C, known for its role in the immune system and collagen production, is researched for its potential benefits in cancer patients. Studies suggest that high doses, administered orally or intravenously, may enhance the quality of life and alleviate side effects in individuals undergoing cancer treatment. (34)



BEATING BRAIN CANCER

DR. THOMAS E. LEVY

"And as about 1994, I stopped my cardiology practice and began doing consultative work with him. He treated patients from around the world with a 2-week protocol and achieved things with blood work and clinical response that I didn't think were possible. And modern medicine told me weren't possible. And amongst those many things, I saw the benefit of high-dose intravenous Vitamin C, which was a brand new concept to me.

But what I saw was so dramatic, I really couldn't deny what my eyes were witnessing, if you will. And as of about 1994, '95, that began my research into Vitamin C..."

"So it's obviously very important that you eat quality food so that you have an optimal, and large, and generous influx of new electrons. But having those electrons means next to nothing without the distribution, and with the distribution comes the Vitamin C. So it's like the electrons are the product that's made at the factory, and the Vitamin C are the trucks that get it spread out throughout the body. So you need both..."

"Well, some diseases require certain nutrients to be repeated as well, but Vitamin C can always be relied upon. And the methylene blue, which is a phenomenal antioxidant that gets everywhere Vitamin C gets. When you have something that can deliver the electrons that you're taking in, you can pretty much always reliably stop a disease process, but then you need to address what's supplying the new toxins causing more oxidation..."

"So no, you need to do both and be that as it may, though, a lot of times, especially if you have the access and the money and the ability, you can overwhelm a lot of minor disease processes, and you can reverse and cure a number of cancers by using enough Vitamin C. The word cure is only given guardedly with cancer, not because you can't quickly resolve the cancer, but unless you identify the areas that were robbing the electrons in the first place, you're still at a substantial likelihood of having a cancer recurrence if you don't maintain the super high doses of Vitamin C, and while eliminating the infectious sources of new toxins and pathogens.

Vitamin C is the single agent that I know of, single agent, nothing else that I know of, has no definable level of toxicity and no defined level of toxicity."

Zinc

Zinc, an essential trace element crucial for immune regulation, growth, and protein/DNA synthesis, is often deficient in cancer patients. Research suggests that zinc may impede the growth and spread of cancer cells by inhibiting overactive calcium signals. (35)

DR. BRYAN ARDIS

"You should consider this G-L-Y-C-Z-Z- whatever it is, the component is licorice. I don't mean Twizzlers, I'm talking about licorice. The plant and the root licorice has a component called glycyrrhizin. And this glycyrrhizin is a agonist for nicotine receptors and then also from injuries from venoms, I cannot overstate the benefit of zinc and copper. These venoms are designed to destroy zinc and copper reservoirs. Well, it's time to restore them and put them back in."

Ayurvedic remedies⁽³⁶⁾

Wheatgrass

Wheatgrass contains components that enhance blood oxygen capacity, with antioxidants boosting cell absorption in the body. Given the brain's high oxygen demand, particularly consuming 25% of the body's oxygen, wheatgrass is suggested to have positive effects on brain tumors. Additionally, the plant's juices are believed to provide strength to sluggish organs like the liver and intestines, making wheatgrass beneficial in combating tumors and various diseases.

Ashwagandha

Ashwagandha, a herb with notable healing properties, contributes significantly to restoring strength and immunity in the body. With anti-inflammatory and antioxidant properties, it provides essential nutrients, enhancing brain function and mitigating adverse effects from harmful radiation.

DR. HENRY EALY

"There's great things we've been learning recently. Things like ashwagandha helps to relieve or loosen the binding affinity of the spike glycoprotein for certain receptors.

So we have this ashwagandha which we know is going to help alleviate the binding capacity, the binding affinity of the spike glycoprotein. This is in literature. When you accept that this is based upon venoms. I understand how hard that is. I'm not saying that the spike glycoprotein is a venom, I'm telling you it was inspired by them. And that's why they were able to combine different venoms together, different glycoproteins in different snake venoms and conotoxin venoms. They were able to put them together. That's why you have a wrecking ball with so many different lethal, potentially lethal, mechanisms of action. When you appreciate that, you start getting answers. So there you go, the ashwagandha. And ashwagandha has additional benefits. It's going to help normalize and really adaptogenically the thyroid gland, so better energy production you get with it."

DR. CATHLEEN GERENGER

"There are actually natural remedies to help to stimulate your body. For example, if you need an energy booster, a more natural energy booster, instead of grabbing that cup of Joe, that caffeine, that coffee, what you can actually do is that you can actually ingest what we call beets powder. Beets powder has very high levels of what we call niacin, which is B3 or you can take the supplement niacin to enhance the circulation to open up that blood vessel so we can vasodilate. One of nature's remedies to help to decrease inflammation is food. Food is so rich in nutrients and its active compounds actually helps to reduce inflammation. For example, ginger and turmeric, it's a very highly researched, it has a very high antioxidant levels that are natural that's able to decrease inflammatory response. Another one is ashwagandha. Ashwagandha is an herb that's very well-known to help to decrease the cortisol level. Cortisol level is actually stimulated by adrenal glands, which happens during stressful situation. So ashwagandha is an adaptogenic herb that's helped to keep things at bay and it helps for anxiety and depression as well."



BEATING BRAIN CANCER

DR PETER KAN

“One of the things that I like to use is ashwagandha. It is an adaptogenic herb that has been shown to modulate the hypothalamus-pituitary-adrenal axis, or the HPA axis, which is that hormone gland trio in your brain and your adrenal to help regulate the stress response. The adaptogenic herb really doesn’t stimulate the adrenals. It doesn’t suppress anything. What it does is it modulates. And modulation, in layman’s term, basically means to balance. You take out the highs, take out the lows, so you would just become even keel. So adaptogenic herbs like ashwagandha can support the stress response. So in times of stress... because maybe you will have stress that you’re just, “What do I do? I can’t quit my job and leave my family and move to another town.” So you still got to work, you still got to show up for things and be the person that you need to be, but you may be able to support that stress response so you can deal with it better. And an adaptogenic herb like ashwagandha can do just that.”

Guggul

Guggul is known for its potent rejuvenating properties, revitalizing and enhancing the oxidation potentials of cells. This property is believed to accelerate the recovery process from brain tumors.

Natural Compounds

In tackling complex diseases like brain cancers, some clinicians advocate for a holistic approach to treatment. Lifestyle medicine emphasizes factors such as diet, physical activity, and overall health to reduce the risk of chronic diseases. Natural substances from the diet or supplements play a crucial role in lifestyle medicine, potentially suppressing cancer or addressing challenges linked to standard therapies.(37)

Alkaloids

- Alkaloids are diverse natural compounds often containing nitrogen and oxygen.
- They induce DNA damage, cell cycle arrest, and apoptosis in tumor cells.
- Berberine from barberry is a noteworthy alkaloid in glioblastoma (GBM) therapy.

CHRISTOPHER KEY

“This is the one product I’ll never stop taking. We’ll work on another project with Dr. Zach Bush called No-till, No Spray, Regen-React, where we’ll start putting the alkaloids for cancer, for Parkinson’s, for diabetes, for pain, all those alkaloids used to be in the soil. And we will put those back in the soil so that then when you eat your plants or eat the animals that eat the plants, you will get those alkaloids and thy food will be that medicine, that medicine will be thy food again. And my goal is by 2035 to never have to sell another product ever again because your food will be thy medicine, thy medicine will be that food again.”

In another interview with Christopher Key he states:

“And number three, you got to give your body the nutrients it needs to rebuild, regrow, rejuvenate. And we used to do that with food, Jonathan, but our food is now completely, totally genetically modified. There’s no more alkaloids that are in the soil. Because the soil used to have the alkaloids to help prevent cancer, and get rid of pain,



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and get rid of diabetes. All that stuff was in the soil, Jonathan, but Monsanto and Big Ag and Big Pharma realized that if they take those alkaloids out of the soil, then it would not be in the plants that we ate and the animals that ate the plants. Then, we would have to buy their pharmakeia, their petroleum-based products.

And they don't want you to know about this. Because, why? It alkalizes, it oxygenates the human body. And Dr. Warburger proved that no virus and bacteria can live in an alkalized state."

Carboxylic Acid Derivatives

- Organic compounds with carboxylic acid groups.
- Cinnamic acid from cinnamon and ferulic acid from giant fennel show anti-GBM efficacy.

Carotenoids

- Red, orange, and yellow pigments in plants.
- Astaxanthin, adonixanthin, and crocetin have anti-cancer effects by influencing apoptosis and hindering metastasis.

BRENDA DAVIS

"And then when we think about Vitamin A, what's really interesting is that Vitamin A from animal products are not antioxidants, whereas Vitamin A from plant foods, we're talking about really provitamin A carotenoids are they're powerful antioxidants, and they're immune stimulators, they are immune modulators, and they can help to reduce symptoms of autoimmune disease and inflammatory diseases. And of course, the main sources are all of these orange, yellow fruits, and vegetables like sweet potatoes, and mangoes, and carrots, and squash, and those kinds of things."

Flavonoids

- Polyphenolic compounds in plants that are classified into seven classes.
- Flavonoids have antitumor effects, influencing apoptosis, migration, and metabolism.
- Noteworthy flavonoids for GBM include diosmin, EGCG, mattheucinol, naringin, quercetin, resveratrol, rutin, silymarin, tectorigenin, chrysin, galangin, and xanthohumol.

DR. JOEL FUHRMAN

"And then we're talking about berries and fruit. The WHEL study, the Women's Healthy Eating and Living study, showed that the more vegetables you ate, the lower cancer you had. But, of course, people who ate fruit and vegetables live longer and lower rates of cancers than people who just eat vegetables without the fruit. Again, it's variety. And the fruits with the most protection were those foods like berries, cherries, and pomegranates, those darker fruits. And we can get these fruits all year round if we buy them frozen. There's nothing wrong with frozen food. If frozen fruit gives us the ability to eat like wild blueberries and blackberries without dousing them in fungicides to make them last on the shelf, we can get them all year round. They're less expensive and they're fresher when we buy them frozen anyway. So I encourage the use of frozen food and frozen berries and it increases the variety of fruits we can eat."



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So those foods are very protective against cancer. Sometimes even shocking, the researchers doing the studies because berries have shown to even using berry powders have been shown to reverse abnormal cells that are linked to esophageal and throat cancers because they could biopsy and reach down and do swabs of the cells in your throat. And show cancerous and precancerous cells going back to normal when they're giving people berry powders because these berries are full of these flavonoids and anthocyanins that have anticancer effects. And last but not least, seeds and nuts, particularly the seeds like flax seeds and chia seeds, which will link to dramatic reduction of breast and prostate cancer and dramatic immune system function. And don't forget the ALA, the alpha-linolenic acid, from walnuts and flax seeds and chia seeds and hemp seeds has been linked in scientific studies to stabilize the heart, the heart cells, against having irritation and irregular heartbeats."

OCEAN ROBBINS

"The antioxidants, the polyphenols, the flavonoids, all the phytonutrients that help your body to have the potent resources it needs to deal with whatever offenses come your way, so that you can process them, neutralize them, and thrive. And that's the key to a healthy lifestyle. And we now know that we could prevent, in some cases, even reverse a great many of the cancers we see in the world today. We can prevent up to 90% of heart disease, up to 90% of Alzheimer's, and other forms of dementia, 90% of type 2 diabetes, with simple changes to diet, lifestyle, and environmental exposures. Now that we know it's time to put some of this into action..."

"So you want to, if possible, get at least a little bit of raw cabbage, even if you're going to steam, for example, or a little bit of raw kale, just like a tablespoon will give you that precious myrosinase. And then you can mix it with steamed, and then you're getting maximal anti-cancer benefits. Citrus is also great for fighting AGEs, and it's loaded with flavonoids that are anti-inflammatory and reduce the conditions that promote glycation. Citrus fruits also help to support healthy endothelial function, which enables your blood vessels to be more supple..."

Grapes are loaded with phytonutrients, including anthocyanins and proanthocyanidins and flavonoids and resveratrol, which is a very powerful anti-cancer compound found in red grapes and also in blueberries and raspberries and blackberries, pistachios and peanuts."

Coumarins

- Phenylpropanoid compounds with proapoptotic effects.
- Osthole from Monnier's snowparsley and galbanic acid from Ferula species are notable in GBM treatment.

Curcuminoids

- Polyphenolic compounds with anti-cancer properties.
- Curcumin, derived from turmeric, inhibits GBM by reducing proliferation and inducing apoptosis, cell cycle arrest, and mitochondrial dysfunction.

Terpenes

- Unsaturated hydrocarbons from plants with anticancer properties.
- Terpenes like AM01-06, betulinic acid, cedrol, coronarin D, eucalyptal A, gossypol, paeoniflorin, pisosterol, rupesin E, Paris saponin H, and tubeimoside-1 show potential in GBM treatment.



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DR. ROBERT YOUNG

"I'm going to take and expand this a little bit more because I want you to see this report here a little bit more. In this article. I also added this information, which is on the terpenes of an oil that comes from the red pine needle. And from this pine needle is an oil that contains terpenes, which is excellent for removing or breaking down the protective coating of parasites and has been very, very effective in doing so."

Lignans

- Polyphenolic compounds inhibiting topoisomerases in tumor cells.
- Arctigenin from greater burdock and magnolol from the Houpu magnolia have therapeutic potential in GBM.

Tannins

- Large polyphenols binding to (bio)macromolecules.
- Tannins, including tannic acid from oak, induce apoptosis, inhibit proliferation, metastasis, and angiogenesis, showing potential in GBM treatment.

Crude and Purified Plant Extracts

- Plant extracts with diverse compounds and biological activities.
- Extracts like BcH, BcS, CW, CE70, CE95, KW, KE70, KE95, PW, PE70, PE95, RW, RE70, RE95, CP, and PPE have anti-GBM potential, offering a variety of chemical compounds for therapeutic exploration.

Cancer Fighting Drinks and Foods

Green Tea

Green tea contains polyphenols, notably EGCG, which inhibit the growth of blood vessels feeding tumors, act as antioxidants and detoxifiers, and promote cancer cell death.

OCEAN ROBBINS

"And then green tea, last but not least, is wonderful for helping bring down AGE compounds in the human body... Turns out that green tea is rich in a compound called EGCG, which sounds like the name of a trendy dance club from the 80s, but it's actually a compound that helps your body to bring down free radicals. It neutralizes them before they get to form ages. So those are some of my favorite anticancer superstars that help bring down AGEs in the body."

DR. CATHLEEN GERENGER

"The other nutrient I really like to talk about, it's been researched and researched and researched. Lots and lots of data, lots of white papers on it. It's called green tea. Green tea is like that super antioxidant that's great for your skin, your brain, your health, everything. But let's focus on green tea, and the brain function."



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So what they found in research is that green tea--when you break it down to the molecular structure of it--that little molecular structure of that green tea helps to break that little protein, that tangled protein that we always talk about when we talk about Alzheimer's patients in the brain. So they actually show scans how high amounts of these green tea extract is able to detangle these little, what we call the proteins, medically, they call it the tau proteins. What they do is that they break it up so then the body is able to kind of decelerate it as much as possible. Of course, we're not making any claims here that we're able to cure Alzheimer's, some brain-related diseases, but what we wanna do is that we wanna step back and say, why is it happening? Why does this happen? How come before I have no genetic history of this and how come suddenly you're finding people with all these symptoms or all these diagnoses?"

Japanese Green Tea

Japanese green teas like sencha, gyokuro, and matcha have higher EGCG levels than common Chinese green teas, making them potent sources. Black and oolong teas are less effective due to fermentation, while decaffeinated green teas maintain polyphenols, offering a caffeine-sensitive option.

Ginger

Fresh ginger, or ginger root, exhibits powerful anti-inflammatory properties, combating specific cancer cells and contributing to slowing tumor growth.

DR. CATHLEEN GERENGER

"When we talk about gut health and immune systems, one of the best foods that I love that's very widely research is called ginger. And ginger has these anti-inflammatory effects in the body, and ginger is one of those things that you can actually incorporate into your daily routine by simply get some ginger root, slice it up, put it in a little glass container and keep it in your fridge. I take 2 slices with ginger, I actually create a ginger tea, so I pour some hot water in that. That's my ginger tea. If I want to be fancy, I'll squeeze some lemon in it so I have ginger and lemon. Adding something like that into your daily routine, what that does is that it brings the inflammation down, and ginger has a very high medicine research on it where in traditional Chinese medicine, we use that to actually help with our gut health in our gut microbiome because it reduced the inflammation, allow us to move our bowels, and it's well known to be an anti-nausea type of effect on the body."

In another interview with Dr Cathleen Gerenger she states:

"Ginger is the spice that's been well-researched for centuries. With ginger, we use it for traditional Chinese medicine as a spice that helps for anti-inflammatory properties and also great for your digestive health. Ginger helps with nausea and vomiting, anytime when a patient goes through chemotherapy or radiation, the side effects is nausea and vomiting. Add a little ginger into your tea and add a little ginger into your soup or your cooking will really help to decrease the feeling of nausea and vomiting."

Vegetables

Cruciferous vegetables like Brussels sprouts, bok choy, Chinese cabbage, broccoli, and cauliflower contain sulforaphane and indole-3-carbinols (I3Cs), powerful anticancer compounds. These molecules aid in detoxifying carcinogenic substances, preventing precancerous cell development into tumors, promoting cancer cell death, and inhibiting tumor growth.



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OCEAN ROBBINS

“Cabbage and cruciferous vegetables are incredible cancer fighters. We’re talking about broccoli, Brussels sprouts, cauliflower, kale, mustard greens, turnips, collards, and absolutely cabbage.

Cabbage is a great one. Now, they may help to reduce cell damage. They’re loaded with antioxidants that neutralize free radicals. Cruciferous vegetables also have been shown in studies to be linked to a decrease in rates of breast, lung, colorectal, and prostate cancers. And cruciferous vegetables are also loaded with compounds called isothiocyanates and myrosinase, which come together to form in the body. And when we chew them, something known as sulforaphane, which I mentioned a little bit earlier, and sulforaphane is a powerful anticancer compound. Studies have shown that glucosinolates can decrease inflammation, inhibit enzymes that activate carcinogens and stimulate the cells that enable your body to process compounds and chemicals more effectively, so that it’s less likely that yourselves will become cancerous. Leafy, dark green vegetables are also potent cancer fighters. They’re loaded lots of different antioxidants that are powerful fighting cancer. And one study conducted by Spanish researchers, adults who ate at least 1 portion of leafy greens a day were half as likely to develop lung cancer as people who ate them less often.”

The Alliaceous family

Garlic, onions, leeks, shallots, and chives, belonging to the alliaceous family, contain sulfur compounds that induce the death of colon, breast, lung, and prostate cancer cells.

Fruit

Oranges, tangerines, lemons, and grapefruit contain flavonoids, anti-inflammatory compounds that aid in detoxifying carcinogens in the liver. Specific flavonoids found in tangerine skin, such as tangeretin and nobiletin, can contribute to the death of brain cancer cells.

Berries

Berries such as strawberries, raspberries, blueberries, blackberries, and cranberries contain ellagic acid and numerous polyphenols that inhibit tumor growth. Anthocyanidins and proanthocyanidins, specific polyphenols in berries, contribute to promoting cancer cell death.(38)

DR. JOEL FUHRMAN

“So we eat a wide variety of plants and we focus on consuming, regulating green vegetables and salads. And I have that acronym, GBOMBS, which stands for greens, beans, onions, mushrooms, berries and seeds like flax seeds, chia seeds, which just help people remember these six categories of foods that have the highest association with prevention of cancer in the scientific literature. So we remember to eat these foods every day. So nutritarian is a person striving for better health, excellent nutrition, and willing to take the dietary - eat healthy foods to we’re concerned about preventing heart attacks, strokes, and cancers to live a life that’s without fear, allowing us to fully manifest the natural lifespan of humans.”



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CONCLUSION

In concluding our extensive exploration of “Beating Brain Cancer: Nicotine & Other Censored Natural Medicines for Tumor Treatments” – a journey through the realms of understanding, resilience, and holistic well-being – my sincere hope is that you’ve not only gained knowledge but have been profoundly empowered. The intricate exploration of root causes and symptoms, coupled with an in-depth understanding of the often-overlooked role of nicotine and other natural treatments, has provided you with a comprehensive toolkit for navigating the complexities of tumor treatments.

As you reflect on this wealth of information, remember that every insight gained is a powerful tool in your arsenal against brain cancer. It is my fervent desire that the knowledge imparted within these pages becomes a beacon, guiding you towards informed choices, renewed hope, and a steadfast commitment to your health journey. This isn’t just an end but a new beginning—a starting point for embracing a lifestyle that embraces the full spectrum of natural medicines and treatments.

In your pursuit of comprehensive well-being, consider each step a meaningful stride towards healing and resilience. The incorporation of various natural medicines, the spotlight on the potential of nicotine, and the broader understanding of tumor treatments collectively form a holistic approach that goes beyond conventional boundaries.

May your path be illuminated with continuous learning, unwavering strength, and the promise of brighter tomorrows. This is not just a conclusion; it’s an invitation to an ongoing journey of self-discovery, healing, and the relentless pursuit of optimal health. Here’s to a future filled with the promise of triumph over adversity and a life lived abundantly.



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RESEARCH LINKS

1. <https://www.cedars-sinai.org/health-library/diseases-and-conditions/b/brain-tumors-and-brain-cancer.html>
2. <https://www.aans.org/en/Patients/Neurosurgical-Conditions-and-Treatments/Brain-Tumors>
3. <https://www.mayoclinic.org/diseases-conditions/brain-tumor/symptoms-causes/syc-20350084>
4. <https://www.aans.org/en/Patients/Neurosurgical-Conditions-and-Treatments/Brain-Tumors>
5. <https://www.cancer.net/cancer-types/brain-tumor/symptoms-and-signs>
6. <https://www.moffitt.org/cancers/brain-tumor/symptoms/>
7. <https://www.moffitt.org/cancers/brain-tumor/symptoms/headaches/>
8. <https://www.moffitt.org/cancers/brain-tumor/symptoms/seizures/>
9. <https://www.moffitt.org/cancers/brain-tumor/symptoms/nausea/>
10. <https://www.moffitt.org/cancers/brain-tumor/symptoms/numbness/>
11. <https://www.moffitt.org/cancers/brain-tumor/symptoms/eye-problems/>
12. <https://www.moffitt.org/cancers/brain-tumor/symptoms/speech/>
13. <https://www.moffitt.org/cancers/brain-tumor/symptoms/mood-changes/>
14. <https://academic.oup.com/neuro-oncology/article/11/3/330/1037662>
15. <https://academic.oup.com/neuro-oncology/article/11/3/330/1037662>
16. <https://www.unthsc.edu/newsroom/story/can-nicotine-actually-heal-the-brain/>
17. <https://platinumtherapylights.com/blogs/news/brain-light-therapy>
18. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6664299/>
19. <https://www.jkslms.or.kr/journal/view.html?uid=206&vmd=Full&>
20. <https://www.umassmed.edu/news/news-archives/2014/10/tuning-light-to-kill-deep-cancer-tumors/#:~:text=Red%20laser%20lights%20specifically%20tuned,leaving%20most%20neighboring%20cells%20unharm>
21. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8533945/#:~:text=HBOT%20improves%20brain%20function,functions%2C%20sleep%2C%20and%20gait>
22. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8447952/>
23. <https://hyperbaricoxygeninstitute.com/unlocking-healing-hyperbaric-oxygen-therapy-for-brain-cancer/>
24. <https://www.thebraintumourcharity.org/living-with-a-brain-tumour/health-fitness/benefits-of-exercise/#h-exercising-with-a-brain-tumour-the-benefits>
25. <https://www.cancer.gov/rare-brain-spine-tumor/living/self-care/physical-health>
26. <https://www.cancer.gov/about-cancer/treatment/cam/patient/mushrooms-pdq>
27. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9504980/>
28. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3339609/>
29. <https://www.forij.co/blogs/mushrooms/best-mushrooms-for-cancer>
30. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5809810/>
31. <https://www.immunitytherapycenter.com/blog/how-to-treat-brain-cancer-naturally/>
32. <https://pubmed.ncbi.nlm.nih.gov/27807473/>
33. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1506565/>
34. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4888275/>
35. <https://www.cancer.gov/about-cancer/treatment/cam/patient/vitamin-c-pdq>
36. <https://www.sciencedaily.com/releases/2017/09/170928121656.htm>
37. <https://www.pavtan.com/blog/ayurvedic-remedies-for-the-treatment-of-brain-tumor/>
38. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8150927/>
39. <https://www.prevention.com/food-nutrition/healthy-eating/a20437054/one-doctors-personal-food-cures-for-cancer/>

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ABOUT JONATHAN OTTO



Jonathan Otto is an investigative journalist, natural health researcher, documentary filmmaker, and humanitarian.

In addition to serving as a producer for ***The Truth About Cancer*** and ***The Truth About Vaccines***, Jonathan has created several highly-acclaimed, groundbreaking docuseries — ***Depression, Anxiety & Dementia Secrets***, ***Autoimmune Secrets***, ***Natural Medicine Secrets***, and ***Autoimmune Answers*** — covering innovative, effective natural remedies for autoimmune disease, neurodegenerative disease, mental health, cancer, and heart disease.

These docuseries — watched by millions around the world — represent Jonathan’s unceasing quest to discover the root causes of debilitating diseases by interviewing over 120 world-renowned natural medicine doctors, scientists, natural health experts, and patients.

In response to this life-saving knowledge, Jonathan created **Well of Life**, a line of doctor-formulated, 100% natural supplements specially designed to detox and fortify the body.

When the global elite took away the human and medical rights of people around the world — and coerced billions into taking the toxic, experimental COVID “vaccines” — Jonathan was determined to get the truth out, despite being repeatedly censored and deplatformed.

He interviewed the world’s top medical doctors, health experts, and legal experts on vaccine injuries who risked their own careers to expose the lies behind the deadly COVID “vaccines” — which have caused deaths and injuries to millions of people — to create his newest docuseries, ***Vaccine Secrets***, ***COVID Secrets***, and ***Unbreakable: Destined to Thrive***.

Jonathan’s greatest reward has been hearing the testimonials from people whose lives have literally been saved with the protocols he developed.

His work has been featured in international TV broadcasts, print media, national news, and radio broadcasts. He received the awards, **Young Citizen of the Year** and **International Volunteer of the Year**, by the Australian government for international humanitarian contributions, which he continues to support.

Jonathan and his wife, Lori, welcomed their first son, Asher, in January 2019 and their second son, Arthur, in May 2021.