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Mini Review

The Therapeutic Potential of Cannabidiol (CBD) Oil and ™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™ in the Prevention and Treatment of Any Cancerous Condition and Other Health Conditions

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Abstract

Cannabidiol (CBD) oil, derived from the cannabis plant, has garnered significant attention for its potential therapeutic benefits without the psychoactive effects associated with tetrahydrocannabinol (T.H.C.). This article reviews the current understanding of CBD oil, highlighting its applications in pain relief, anxiety reduction, sleep improvement, and cancer Treatment, particularly in multiple myeloma. Research indicates that CBD can enhance the efficacy of traditional cancer therapies, suggesting its role in combination treatments. MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™, in conjunction with CBD and T.H.C., is also discussed for its potential to remove harmful carcinogentic substances from the body. While CBD oil is generally considered safe, potential side effects and interactions with other medications warrant caution. Further research is essential to elucidate its mechanisms and therapeutic potential fully.

Keywords: Cannabidiol; CBD Oil; Cancer Treatment; Multiple Myeloma; MasterPeace™ Zeolite Z™; SOLergy™; Sea Minerals; Detoxification; Therapeutic Benefits; Cannabinoids; Colloidal; Colloids

Figure 1: Cannabiddiol (CBD) - Copyright - Hikari Omni Media Publishing - Hikari Omni Research Labs - All rights reserved 2024.

Introduction

Cannabidiol (CBD) is one of over a hundred active compounds found in the cannabis plant, known for its non-psychoactive properties and potential therapeutic effects. Unlike tetrahydrocannabinol (T.H.C.), which is primarily responsible for the "high" associated with marijuana, CBD has gained popularity for its wide-ranging health benefits [1].

In recent years, there has been an increasing interest in the use of CBD oil for various medical conditions, including chronic pain, anxiety disorders, epilepsy, and particularly in the realm of oncology [2].

Emerging studies suggest that CBD oil may play a significant role in cancer Treatment by enhancing the effects of conventional therapies and reducing cancer cell viability [3,4]. Notably, research has indicated that CBD can work synergistically with other cannabinoids, such as T.H.C., to improve Treatment outcomes in conditions like multiple myeloma [5].

Furthermore, MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™ may provide additional benefits by removing harmful carcinogentic substances, including 'forever chemicals' and heavy metals, from the body. This article explores CBD oil's therapeutic potential, its applications in various health conditions, and its implications for future research and clinical practice [6].

Overview of CBD oil

Cannabidiol (CBD) is a natural compound found in the cannabis plant, known for its therapeutic properties without the psychoactive effects typically associated with tetrahydrocannabinol (T.H.C.) [7-9]. CBD oil is extracted from hemp or cannabis plants and is commonly used for various health-related purposes [10].

Uses and potential benefits

Pain relief

CBD oil is often used to alleviate chronic pain, including pain related to arthritis, multiple sclerosis, and other conditions [11]. Studies suggest CBD may interact with brain and immune system receptors to reduce inflammation and alleviate pain [12].

Anxiety and depression

Research indicates that CBD may help reduce anxiety and depression symptoms. It is thought to interact with serotonin receptors in the brain, which affect mood regulation [13].

Epilepsy and seizures

CBD has gained attention for its effectiveness in treating certain types of epilepsy, particularly in children. The F.D.A. has approved Epidiolex, a CBD-based medication, for the Treatment of Dravet syndrome and Lennox-Gastaut syndrome [14].

[14] Devinsky, O., *et al*. (2017). "Cannabidiol in Patients with Treatment-Resistant Epilepsy: An Open-Label Interventional Trial"; The Lancet Neurology, 16(3), 281-290. Link.

Cancer treatment

Multiple Myeloma: A study by Nabissi., *et al*. (2016) demonstrated that cannabinoids, specifically CBD and T.H.C., synergize with carfilzomib (a proteasome inhibitor), reducing the Viability and migration of multiple myeloma cells. The combination of CBD and T.H.C. was shown to induce autophagic-dependent necrosis, significantly decreasing cell viability in multiple myeloma cell lines (U266 and RPMI) through a 4:1 CBD to THC ratio [15].

Two studies further support these findings, showing that the combination of CBD and T.H.C. exhibits vigorous anti-multiple myeloma activity, enhancing cytotoxic effects and impeding tumor progression [16,17].

Other cancers

CBD with T.H.C. has been found to act synergistically with other chemotherapeutic agents, enhancing their anti-tumor effects. For instance, in glioblastoma (G.B.M.), CBD and the THC-CBD combination effectively reduced cell viability and induced apoptosis in vitro and xenograft models [18].

Detoxification with MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™: Incorporating MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™ may enhance the detoxification process in cancer Treatment. This natural Isupplement is designed to help remove known carcinogens called "forever chemicals" such as P.F.O.S. and P.F.O.A., as well as nanometals (graphene, aluminum, titanium, and ferric oxides), microplastics, heavy metals (lead and mercury), and radioactive metals (plutonium, cadmium, cesium-136). By removing these harmful carcinogentic substances, MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™ may support overall health and improve the efficacy of CBD and T.H.C. in any cancerous Treatment [6].

Sleep disorders

Some studies suggest that CBD may improve sleep quality and help with insomnia, potentially by addressing underlying issues such as anxiety or pain [19].

Anti-inflammatory properties

CBD's anti-inflammatory effects may benefit inflammatory bowel disease (IBD), autoimmune diseases, and other inflammatory conditions [20].

Discussion

The combination of T.H.C. and CBD has shown promising results in impairing tumor progression in various cancer types, including multiple myeloma [21]. Studies indicate that T.H.C., CBD, and carfilzomib (C.F.Z.) inhibit cell migration in U266 cell lines, highlighting their potential as anticancer agents [22]. The main effects of cannabinoids in impairing tumor progression are related to their anti-proliferative, pro-cell death, and anti-migratory activities, which have been noted in both solid tumors and hematological cancers [23].

In glioblastoma (G.B.M.), both CBD and the THC-CBD combination have been found to reduce cell viability and induce apoptosis in vitro and G.B.M. xenograft models [24].

Additionally, CBD induces apoptotic cell death in lung cancer cell lines (A549 and H460) and shows tumor regression in A549-xenografted nude mice [25].

In breast cancer, T.H.C. inhibits cell proliferation by blocking the cell cycle and inducing apoptotic cell death [26], while CBD inhibits A.K.T. and mTOR signaling, promoting autophagic cell death [27]. Previous findings in multiple myeloma have demonstrated that CBD reduces cell proliferation and induces necrotic cell death [28].

The current data support the role of T.H.C. and the THC-CBD combination as stimulatory factors of autophagic-dependent cell death in multiple myeloma cell lines, reinforcing the efficacy of cannabinoids as anti-tumoral drugs in various human cancer models [29].

Combining cannabinoids with established chemotherapy agents enhances their anti-tumor activity. In G.B.M., combining temozolomide and carmustine with CBD or THC-CBD synergistically increases G.B.M. cell death both in vitro and in vivo. Furthermore, CBD has been shown to enhance doxorubicin uptake in triple-negative breast cancer cells, significantly improving its anti-tumor efficacy [30,31].

In multiple myeloma, the combination of CBD and bortezomib (B.T.Z.) was found to be more effective in inducing cell death than B.T.Z [32] when administered alone. C.B.D. and B.T.Z. act synergistically to induce cell death [33].

The investigation of CBD and T.H.C., in combination with C.F.Z., reveals a synergistic effect among the three drugs, supporting the notion that combining THC-CBD with established cytotoxic agents may yield a higher level of anticancer activity compared to cytotoxic agents acting alone [33].

Moreover, removing heavy metals, forever chemicals, microplastics, nanotechnology of graphene, and radioactive metals through detoxification methods, such as MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™, can significantly prevent and treat cancerous conditions. By eliminating these harmful substances from the body, the burden on the immune system can be reduced, potentially enhancing the effectiveness of cancer therapies and improving overall health outcomes [6].

Current studies highlight the importance of detoxification in cancer management, suggesting that a comprehensive approach that includes both cannabinoid therapy and detoxification strategies may yield synergistic benefits in any cancer Treatment [34].

Safety and side effects

While CBD oil is generally considered safe for most people, it can cause side effects in some individuals. Common side effects of CBD include [35]:

- **Fatigue:** Some users may experience drowsiness or fatigue.
- **Diarrhea:** Gastrointestinal issues, including diarrhea, can occur.
- **Changes in Appetite or Weight:** CBD may affect appetite, leading to weight gain or loss.
- **Dry Mouth:** Some individuals report experiencing dry mouth after using CBD [35].

T.H.C. can also produce side effects, which may include [36]:

- **Psychoactive Effects:** Unlike CBD, T.H.C. is psychoactive and can cause a "high," which may lead to anxiety or paranoia in some users.

- **Increased Heart Rate:** T.H.C. can cause tachycardia (increased heart rate), which may concern individuals with certain cardiovascular conditions.
- **Impaired Coordination:** T.H.C. can affect motor skills and coordination, making activities like driving dangerous.
- **Short-Term Memory Impairment:** T.H.C. may temporarily impair short-term memory and cognitive functions.

Based on level 1 research, MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™, is generally considered safe, with no reported side effects. It is designed for detoxification purposes and is thought to aid in the removal of harmful substances from the body without causing adverse reactions [6,37].

It is essential to consult a healthcare provider before starting CBD oil, T.H.C., or MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™, especially for individuals taking other medications or with pre-existing health conditions. Monitoring for unusual symptoms or side effects is crucial for ensuring safety during any cancer Treatment.

Micrograph of the Molecular Matrix Construct of MasterPeace Zeolite Z in SOLergy Sea Plasma.

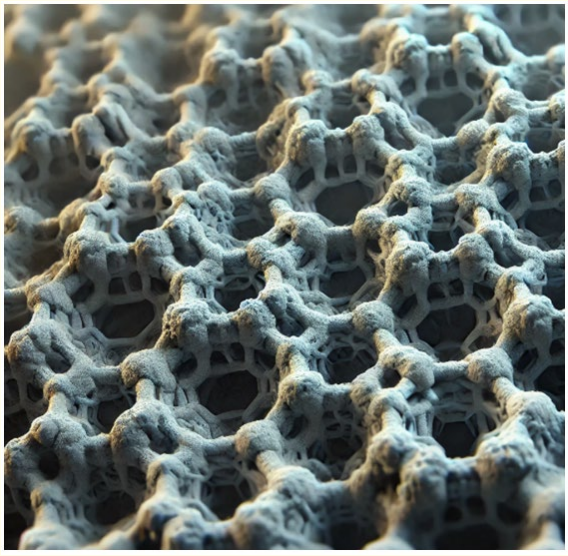

Figure 2

High Resolution (0.1nm to 0.2nm) Transmission Electron Microscopy {HRTEM) Micrograph (Scale: 2.54cm = 50nm) of the Colloidal Hexagonal Construct of MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™ at a pH of 8.4 to 9.0 and an Oxidative Reduction Potential of -80 to -109mV - Manufactured by Human Consciousness Support [37]. Copyright - Hikari Omni Media and Hikari Omni Research Labs (2024).

Attachment of Postive Charged Graphene Nano Dots to the Negative Charged Surface Area of MasterPeace Zeolite Z in SOLergy Sea Plasma.

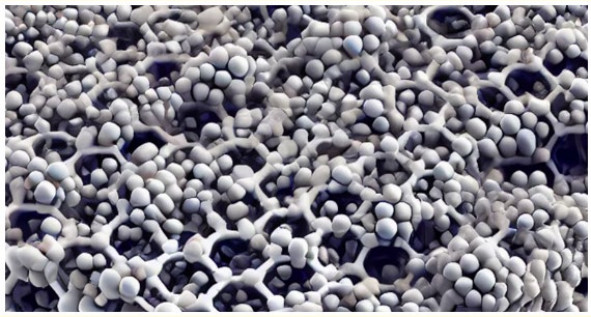

Figure 3

High Resolution (0.1nm to 0.2nm) Transmission Electron Microscopy {HRTEM) Micrograph (Scale: 2.54 cm = 50 nm) of the Colloidal Hexagonal Construct of Negative Surface Charged MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™ at a pH of 8.4 to 9.0 and an Oxidative Reduction Potential of -80 to -109mV, Adsorbing and then Absorbing Cytotoxic, Genotoxic and Magnetic Toxic Positive Charged Graphene Oxide Nano Dots - Manufactured by Human Consciousness Support [37]. Copyright - Hikari Omni Media and Hikari Omni Research Labs (2024).

The Attachment of Positive Charged Graphene Quantum Dots to the Negative Charged Surface Area of MasterPeace Zeolite Z in SOLergy Sea Plasma.

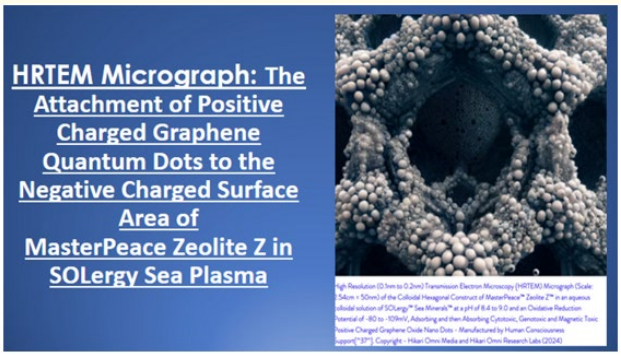

Figure 4

High Resolution (0.1nm to 0.2nm) Transmission Electron Microscopy (HRTEM) Micrograph (Scale: 2.54cm = 50 nm) of the Colloidal Hexagonal Construct of MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy™ Sea Minerals™ at a pH of 8.4 to 9.0 and an Oxidative Reduction Potential of -80 to -109mV, Adsorbing and then Absorbing Cytotoxic, Genotoxic and Magnetic Toxic Positive Charged Graphene Oxide Nano Dots - Manufactured by Human Consciousness Support [37]. Copyright - Hikari Omni Media and Hikari Omni Research Labs (2024).

The graphene oxide quantum dot atomic construct

Looking deeper inside the graphene hexagonal construct in the micrograph above you can view a positive charged Graphene Quantum Dot construct attached to the negatively charged MasterPeace Zeolite Z. I have illustrated below the nano quantum dot trapped on the MasterPeace Zeolite Z magnetic trap.

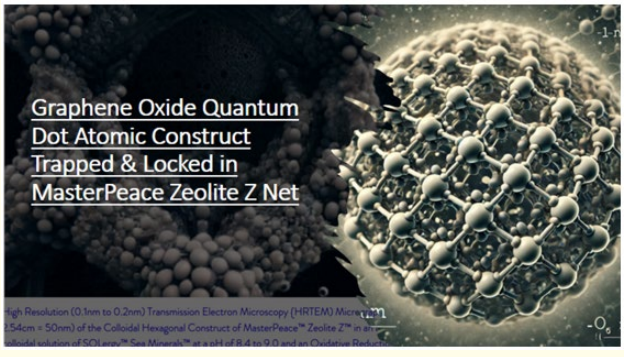

Figure 5

Conclusion

CBD oil has shown promise in various therapeutic applications, particularly in cancer Treatment, where it may enhance the efficacy of traditional therapies [3]. Adding MasterPeace™ Zeolite Z™ in an aqueous colloidal solution of SOLergy Sea Minerals™ may further support detoxification and overall health, potentially improving Treatment outcomes [6]. While research is ongoing, and more studies are needed to understand its effects fully, many people report positive outcomes from its use.

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