

Therapeutic Potential of Fulvic and Humic acids for Covid-19 and vaccine injury prevention/treatment

[DRAFT - Unedited, incomplete. For internal use only]

What are Humic and fulvic acids

Humic (HA) and fulvic acids (FA) are natural compounds found in nutrient dense layers of the earth. They are comprised of a complex mineral, vitamin and amino acid structure that makes them naturally bioavailable to the human body. FA and HA has a strong negative ionic charge which act like magnets to heavy metals and toxins.

They have been used for thousands of years by Ayurvedic and ancient Chinese medicine healers for many ailments. Sherpas in the Himalayas use it in the crude form called “Shilajit” for altitude sickness. FA and HA have been used extensively by the former USSR space teams and athletic teams for their ability to increase immunity and performance. In modern day they have been clinically used for many applications with great success and the pharmaceutical industry has been attempting to synthesize it in a lab with no avail, hence naturally derived HA and FA are the only true forms that have been shown to have benefit.

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Dr. Amita Fotedar, from Wellington, New Zealand, is a research scientist with a PhD in Environmental Sciences and works with the United Nations Development Programme in a global energy project. She has developed a detailed research white paper on Fulvic and Humic Acids that can found here:

<https://www.trueaeon.com/a-research-report-from-dr-fotedar-phd-on-the-health-benefits-of-fulvic-and-humic-acids-aka-shilajit/>

Main Methods of action

HA and FA have several potential methods of action for the potential treatment of covid-19 as well the potential treatment for vaccination injuries and toxicities. Through a combination of centuries of historical use, anecdotal reports as well as thousands of validated scientific clinical studies, one can infer HA and FAs have legitimate potential use cases.

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12 of the most common benefits of FA and HA can be found here with references:

<https://www.trueaeon.com/12-secret-ways-to-better-health-with-humic-fulvic-acid/>

Anti-viral Activity

Rapid evolution and mutation of viruses has set forward a need for new antiviral agents suitable for treatment of drug-resistant infections and newer emerging viruses such as covid-19 and its variants.

Pharmaceutical companies have been extensively studying the use of HA and FA with a vast array of viruses such as influenza, HIV and herpes simplex to name a few. They have demonstrated to possess potent anti-viral activity and corresponding immune system repossess.

HA and FA have several known pathways of action:

1. Substantially increasing T-cell (total) and G immunoglobulins (IgT, IgG) production
2. Increases antibody concentration
3. Interferes with a virus' ability to attach to a host cell, penetrate the host cell, and reproduce itself.

There are several other methods of action being studied and many more to be discovered. HA and FA have hundreds of clinical studies validating its anti-viral activity.

Detailed clinical data can be found here:

https://www.researchgate.net/publication/270097258_Fulvic_Acids_and_Viral_Infections

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7554000/>

<https://benthamopen.com/contents/pdf/TOPROCJ/TOPROCJ-3-2-24.pdf>

<https://data.epo.org/publication-server/pdf-document?pn=1698333&ki=B1&cc=EP>

Immune System Modulation and anti-inflammatory effects

80% of our immune system cells are located in the gut. Our microbiome is a critical defence to fend off viral, fungal and bacterial infections. The microbiome can be weakened through various factors such as: antibiotic use/overuse, pharmaceutical drugs and vaccines, EMF exposure, improper diet, etc. Once the microbiome is compromised, then pathogenic processes can take hold. This will also lead to increased inflammation and may cause other “secondary” conditions and diseases such as diabetes, rheumatoid arthritis, chronic obstructive pulmonary disease (COPD), neurological disorders (Alzheimer's) and a large list of other inflammatory conditions.

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Studies can be found here:

<https://pubmed.ncbi.nlm.nih.gov/30276216/>

https://www.researchgate.net/figure/Shilajit-its-main-components-and-potential-uses-based-on-properties-of-fulvic-acid_fig1_223963506

Increasing oxygen saturation

Covid-19 can attack the respiratory system and can greatly affect oxygen uptake and utilization. Because of this, optimizing oxygen saturation can be a critical element to consider.

Shilajit is a crude form of fulvic acid and improves the ability to handle high altitudinal stresses and stimulates the immune system. Shilajit has been given as a supplement to people ascending to high-altitude areas to help to overcome high-altitude related problems such as hypoxia, acute mountain sickness, high altitude cerebral edema, pulmonary edema, insomnia, tiredness, lethargy, lack of appetite, body pain, dementia, and depression. Sherpas in the high altitude Himalayan Mountains use this regularly and have been using FA containing Shilajit for centuries.

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FA studies on altitude sickness and oxygen utilization:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2876922/>

Heavy metal chelation

HA and FAs have a powerful natural negative ionic charge which allows them to act like magnets to heavy metals such as lead and mercury. This mechanism has been studied extensively with graphene oxide particles (GO) as well. Graphene has a high affinity to FA and HA and is easily attracted by these natural compounds through a strong polar interaction.

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Graphene and FA scientific abstracts can be found here:

<https://pubs.acs.org/doi/10.1021/am301358b>

<https://www.sciencedirect.com/science/article/abs/pii/S1385894717310525>

<https://www.researchgate.net/publication/331294451> Preparation of graphene by exfoliating graphite in aqueous fulvic acid solution and its application in corrosion protection of aluminum

EMF and radioactive protection

Electro magnetic frequencies (EMFs) have been studied as potential causes of various illness and even viral pandemics. Over the 150 years there has been a direct correlation between the exposure of new electromagnetic fields to biological systems and viral outbreaks and illnesses. In late 1917 the world was exposed to a new EMF through the advent of radio waves. In 1918 there was an outbreak of the Spanish Flu. In WWII, RADAR was introduced and more viral outbreaks followed. In 1955 microwave ovens were introduced to the consumer market and the spike in cancers followed. In 1968 satellites were introduced to the Van Allen Belt, a zone of energetic charged particles, most of which originate from the solar wind, that are captured by and held around a planet by that planet's magnetosphere. Subsequently there was an outbreak

of the Hong Kong Flu. Fast forward to today with wifi, Bluetooth and now 5g. These EMFs have been theorized to be linked to more illnesses and possibly causes or catalysts to newer illnesses such as Covid-19. These theories need more investigation and are not yet conclusive, so for now they remain speculation.

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Articles, videos and studies can be found here:

<https://www.brighteon.com/f39a0072-c959-4cc0-9f20-1587f98da507>

<http://chernobyldatabase.com/tag/fulvic-acid/>

<https://shop.trueaeon.com/blogs/true-aeon/brussels-bans-5g-what-you-should-know-about-emfs>

Binding affinity to the ACE 2 receptors

There has been a lot of theories as to the effects of S1 spike proteins and its detrimental effects on the ACE 2 receptors of the organs. These spike proteins are manufactured artificially in vaccinated humans via mRNA manipulation. There has been evidence that these spike proteins are actually prions which are infectious proteins that can be shed from the vaccinated to the unvaccinated. There has also been evidence that the covid-19 virus also attaches to these same ACE 2 receptors potentially causing harm.

A recent study “Interaction of Drug Candidates with Various SARS-CoV-2 Receptors: An in Silico Study to Combat COVID-19” shows promise that fulvic acid has a strong binding affinity to spike proteins and ACE 2 receptors. FA was the only ligand based natural supplement that showed promise and was studied as a candidate for multi-target therapeutics for Covid-19 along with more common drugs such as hydroxychloroquine and azithromycin as well as Metaquine and Saquinavir. Merck is currently releasing derivatives of these drugs. What stood out the most in this group was Fulvic Acid, with a result of binding energy equal to -7 kcal/mol which is similar to the drug counterparts.

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Study can be found here:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7640951/>

Conclusion

Ongoing research is still necessary and is currently being conducted on the use of FA and HA as potential therapeutics for Covid-19 and the potential prevention of vaccine injuries, but the science is pointing in the right direction. FA and HA have been scientifically demonstrated to be beneficial for your overall health so adding it to your supplement protocol should provide health benefits, but they should not be used in place of recommended health protocols and professional medical advice.

An extensive list of scientific studies on FA and HA can be found here:

<https://www.trueaeon.com/scientific-studies-benefits-fulvic-and-humic-acid-in-shilajit/>