



Traditional Chinese Medicine:

The Guardian Fighting Against COVID-19



According to the WHO statistics, the novel coronavirus COVID-19 has infected more than 3.5 million people causing more than 243,540 deaths worldwide^[1]. As cases continue to exacerbate in various countries, the focus is shifted towards regions that have successfully decreased the rate of transmission and increased the rate of recovery. Current data trends in China reveal a significant trend in remission with over a 96% rate of recovery^[2], where it was found that many infected individuals took an herbal medicine to boost their immunity. Luqi Huang, President of the China Academy of Chinese Medical Sciences (CACMS) supported this conclusion through a statistical study, "According to clinical investigation, participation of TCM in Hubei Province is about 75% or higher," providing evidence that Asian herbs play an active role in the process of prevention, treatment, and recovery in the affected individuals.

The high rate of recovery and improvement of the epidemic in China has caught the attention of traditional medicine community in neighboring countries. China has maintained close communication with Korean and Japanese medical associations to share and exchange information related to treating the novel coronavirus with traditional herbal medicine.

Recent treatment regimens in various regions of China have utilized the efficacy of traditional herbal medicine as a measure to prevent and treat COVID-19. One of the most widely used herbs, Jade Screen, has previously been found to be effective treatment against SARS in 2003 and influenza. The researchers have found that Jade Screen is able to keep the body's immunity in balance.

Currently, there have been over 3,500 clinical trials of Jade Screen, including more than 2,300 children-related cases. In addition, it was confirmed the effective rate at 90% in certain clinical trials.

As a leading supplier of natural ingredients, Chenland Nutritionals Inc. has used more than 2,000 years of traditional Chinese medicine (TCM), combined with biotechnology, to develop the Jadeimmune™ from Jade Screen. Health benefits of Jadeimmune™ include immunity and respiratory health support, along with allergy relief at a recommended dosage of 1-2 grams. Chenland will continue to strive for excellence and innovation with the purpose of providing safe and reliable natural ingredients to fight against COVID-19.

1. Coronavirus. (n.d.). Retrieved from <https://www.who.int/emergencies/diseases/novel-coronavirus-2019> 2.China. (n.d.). Retrieved from <https://www.worldometers.info/coronavirus/country/china/>



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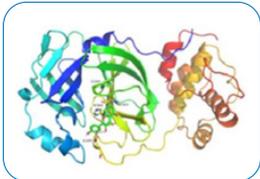


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Jadeimmune™
Plays an Important Role
in the Prevention of COVID-19

Chenland Series

Jadeimmune™ is a classical TCM formulation consisting of Astragalus, Atractylodes and Saposhnikovia. It has been reported that SARS-CoV-2 protein has a significant affinity with angiotensin-converting enzyme II (ACE2) in human body, causing viruses invading and disease [1][2].



Recently, there are published studies demonstrated how the formulation prevented COVID-19 through network pharmacology and molecular docking technology. The studies found the active compounds, such as quercetin, kaempferol, 5-O-methyamitol, can combine with ACE2 to inhibit the combination between SARS-CoV-2 protein and ACE2, regulate multiple signal pathways through targeting ESR1, AR, PTGS2, DPP4, HTR, PTGS1 PIK3R1, IGF1R and HSP90AA1 etc [3][4][5]. The data shows the Jadeimmune™ plays a key role

in the prevention of COVID-19 through multiple targets and pathways. Considering the limitations of network pharmacology and molecular docking, further clinical study is necessary to prove its effectiveness.



MoodElite™ is a better choice than St. John's wort^[6] alone to relieve anxiety, stress, and symptoms of depression caused by the recent outbreak of COVID-19. In order to ensure safety for our customers we ran several safety studies to ensure the effectiveness and safety of MoodElite™. Acute and chronic toxicity assay at 900 and 230 times the clinical dose exhibited high survival rates, which confirms that our product is safe even in high dosage level.

Chenland R&D team is studying the effect of Jadeimmune™ on animals infected by coronavirus.

If you are interested in learning more about Jadeimmune™, please look for NPI-May issue.

Convulsions associated with an overdose of St John's wort
Dharshi C. Karalipilali and Rinaldo Bellomo

TO THE EDITOR: St John's wort (SJW) (*Hypericum perforatum*) is a natural medicine commonly used for treating depression. We recently encountered a case of an overdose of SJW leading to serious manifestations in the patient.

A 16-year-old girl presented to the emergency department with seizures and confusion. She was intubated and admitted to the intensive care unit. The only relevant history was of febrile convulsions at the age of 4 years. There had been no head trauma.

Results of a computed tomography brain scan and cerebrospinal fluid examination were unremarkable. Electrolyte levels were normal, and standard drug toxicological screens were negative. An electroencephalogram (EEG) confirmed diffuse spike wave activity consistent with generalised epileptic activity.

References

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3. Zhan Q, et al. Study on active compounds of Yupingfeng San for prevention of new coronavirus (SARS-CoV-2) pneumonia based on network pharmacology and molecular[J]. *Chinese Traditional and Herbal Drugs*. <http://kns.cnki.net/kcms/detail/12.1108.R.20200326.1252.004.html>
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