



The Evaluation of alternative and herbal medicine in the era of COVID-19: Future vision and challenges in a modern world

Mohd Faizan Siddiqui

International Medical Faculty, Osh State University, Osh City, Kyrgyz Republic, Kyrgyzstan

Abstract:

Herbal medicines are a vital source for the discovery of new therapeutic agent for all sort of human maladies, and when we recently hit by the most devastating pandemic of this era, the option for alternative and herbal medication for COVID-19 is no exception. Several forms of complementary and alternative medicine play a part in supportive care for patients and many COVID-19 positive patients' use alternative and herbal medicinal products, food supplements, and dietary treatment and are even promoted them as the cure for COVID-19. However, unfortunately, none of these treatments is substantiated by any persuasive clinical evidence. The intricate pathogenesis of SARS-CoV-2 and multifactorial consequence of herbal medicine and their sprightly constituent may propound the admirable and heartening future of natural medicine and are believed to be efficacious COVID-19 treatment. Until and unless scientifically comprehensive evidence of the potency, safety and invulnerability of herbal medicine in COVID-19 patients is available; efforts should be made to abide in implementing treatment strategies of proven effectiveness. Modern emerging technologies in synthetic biology and genomics are empowering new ways of exploring and taking advantage of the medicinal properties of plants. The World Health Organization (WHO) and Africa Centre for Disease Control (CDC) formed a committee recently to help and promote the African countries to conduct clinical trials of traditional treatments in compliance with international standard COVID-19. The richness and abundance of alternative and herbal medication comprehend and facilitate invaluable biomedical information, which just needed to be unveiled through the collaboration of modern scientific approaches with standardized clinical trials and rigorous molecular-level investigation



Biography

My ongoing M.D. in General Medicine at International Medical Faculty, Osh State University, Kyrgyzstan, along with my scientific approach in the healthcare sector and leadership skills to contribute collaboratively to enhance my understanding the health informatics, computational biology, complementary & alternative medicine and Ayurveda, which is rapidly evolving. I offer proficiency in Network Medicine, Cell biology, Techniques in molecular biology in general, Internet of Medical Things (IoMT), as well as a wide variety of lab techniques and computer skills. My four scientific research work has been published and appreciated in a various prestigious scientific journal, and few of my paper is at the pre-print stage.

Publication of speakers:

1. N. Chen, M. Zhou, X. Dong, et al. Epidemiological and clinical characteristics of 99 cases of 2019 Novel Coronavirus pneumonia in Wuhan, China: a descriptive study *Lancet*, 395 (10223) (2020), pp. 507-513
2. WHO, Africa CDC form COVID-19 traditional remedy panel <http://v.aa.com.tr/1918964>
3. Use of herbal drugs to treat COVID-19 should be with caution [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(20\)31143-0/fulltext#.X0ZbMrriQ1s](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(20)31143-0/fulltext#.X0ZbMrriQ1s)

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