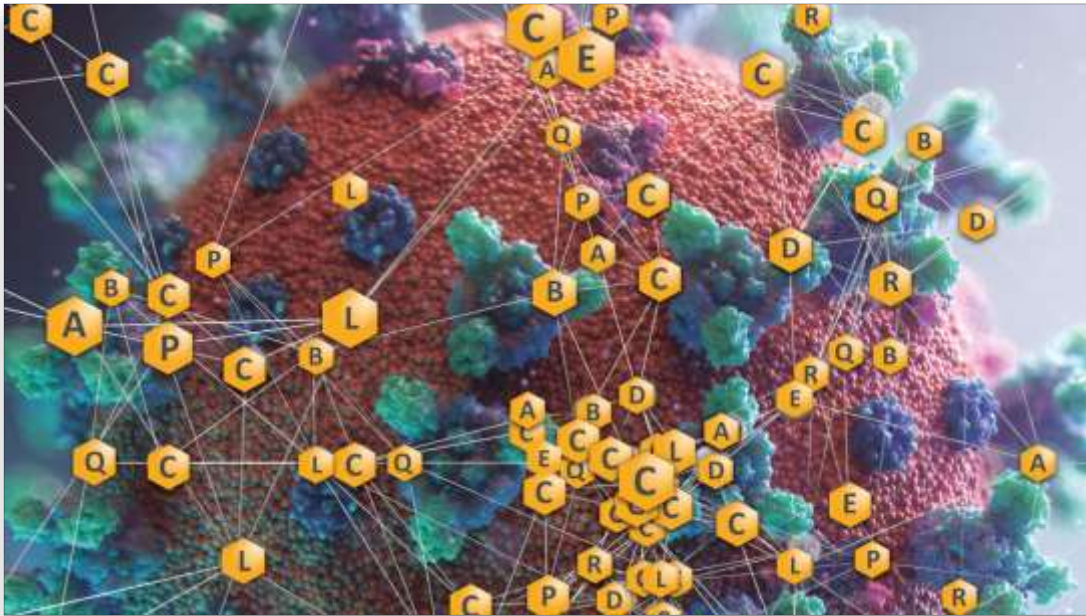




Research towards scientific alternatives to gene-based vaccines:

Natural Compounds Block Binding Site Of Coronavirus To Its 'Entry Port' On Human Body Cells



San José, California: A team of researchers at the Dr. Rath Research Institute has shown that a specific micronutrient combination can block the interaction between the binding site of the coronavirus 'Spike' and its specific cellular 'entry door' into human cells, known as the ACE2 receptor. The study was published in the 'Journal of Cellular Medicine and Natural Health' (JCMNH).

The interaction targeted in this study is the first step in coronavirus infections and is exactly the same biological mechanism targeted by vaccines currently under development worldwide. "Our research shows that this virus infection could be intercepted effectively and safely by specific micronutrient combinations which are readily available to the public right now," says Dr. Alexandra Niedzwiecki, director of the institute.

This scientific breakthrough is a key event in the global race for effective and safe solutions to the current pandemic. It coincides with rising concern about the side-effects of gene-based vaccines, which are currently being developed in Russia, China, the US, Germany, the UK, and other countries. These 'genetic vaccines' incorporate into the DNA of human cells and, thus, their side effects might not show immediately. Instead, they may be delayed by years – or not show until future generations.

The findings of the research team at the Dr Rath Institute show that micronutrients can almost completely block the coronavirus entry path into human cells through their simultaneous effect on key mechanisms of the infection: firstly, by decreasing the expression of coronavirus receptors in human body cells, and secondly, by blocking viral binding to the (remaining) receptors. This multiple target strategy involves the synergistic interaction of a select

combination of several bioactive molecules, which enable achieving the desired effects with relatively low nutrient concentrations that can potentially be delivered through dietary supplementation.

“The corona crisis has developed into a global battle between the pharmaceutical investment business with patented vaccines and drugs – and the exploding evidence for the health benefits of micronutrients in the battle against infectious diseases,” says Dr. Rath.

With tens of thousands of scientific studies already accessible online that document the health benefits of micronutrients in fighting infections and strengthening the immune system, millions of people together with responsible governments can now play a decisive role in reducing the risk of pandemics through nutrition-based health strategies.

The Dr. Rath Research Institute is a non-profit medical research institution, financed by patients who have been benefitting from its research.

Link to study: <https://www.jcmnh.org/micronutrient-combination-inhibits-two-key-steps-of-coronavirus-sars-cov-2-infection-viral-binding-to-ace2-receptor-and-its-cellular-expression/>

Contact:

Dr. Aleksandra Niedzwiecki

Email: a.niedz@drath.com



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Dr. Rath Health Foundation
Tesla 1 | NL-6422 RG Heerlen
The Netherlands



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