A one stop solution for microbial infections with Metadichol®

Metadichol (US Patent 8,722,093) is a nano emulsion of long-chain alcohols found in many foods. It is commonly called Policosanol and is present in foods such as rice, sugar cane, wheat, and peanuts. Metadichol acts on Nuclear Vitamin D receptors (VDR) (US Patent 9,006,292) that are present in cells throughout the body to stimulate the immune system and inhibit a variety of disease processes, resulting from microbial infection. We tested for antiviral activity of Metadichol® against viruses, bacteria, fungi, parasites and yeast. It is active against over 40 varieties of microbes. In the in vitro assays, Metadichol showed no cytotoxicity and strongly inhibited cell death caused by each of the microbes tested. Mechanisms and gene expression studies and human case studies will be presented. Metadichol is a safe and effective inhibitor of microbes in humans. Since it is known to bind to the vitamin D receptor (VDR) (US Patent 9,006,292), its mechanism of action likely involves the competitive displacement of microbial particles from VDRs on host cell membranes. Because it consists of natural components of common foods and has no known negative side effects, Metadichol has the potential to serve as a novel, broad-spectrum antimicrobial agent that threaten mankind today.

Biography

P R Raghavan is the CEO and founder of Nanorx Inc, in New York, USA. He has completed his PhD in organic chemistry from Oregon State University (1979) and a MS in Chemistry (1972) from IIT Mumbai, India. He has worked on drug discovery for over 25 years at Columbia University, Max-Planck Institute, Germany, Ciba-Geigy (now Novartis) and Boehringer Ingelheim. He has over 12 approved patents and another 15 pending patent applications

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