

23rd International Conference on

NANOMATERIALS SCIENCE & NANOENGINEERING & TECHNOLOGY

&

International Conference and Exhibition on

PHARMACEUTICAL NANOTECHNOLOGY AND NANOMEDICINE

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P R Raghavan

Nanorx Inc., USA

Nurture through nature; The story of Metadichol®: A unique nano lipid

Metadichol (US patent 8,722,093 and 9,043,383) is a nano emulsion of long-chain alcohols found in many foods that is present in foods such as rice, sugar cane, wheat and peanuts. Metadichol acts as inverse/Protean agonist on Nuclear Vitamin D receptors (VDR) (US patents 9,006,292, 8,722,093, 9,034, 383) that are present in cells throughout the body to stimulate the immune system. Metadichol® is first of a class of unique nano emulsion molecules that are active against viruses, bacteria, and parasites. In addition to acting on VDR, it shows cross reactivity against other nuclear receptors and how this leads to mitigation of various chronic diseases like diabetes, hypertension etc. Gene expression analysis and human clinical case studies will be presented. Because, it consists of natural components of conventional foods and has no known negative side effects, Metadichol has the potential to serve as a novel, broad-spectrum treatment for many diseases that confront public health today bringing the concept of health care for all at a price we can afford.

Biography

P R Raghavan is a CEO of Nanorx Inc. and has a PhD in Organic Chemistry from Oregon State University (1979) and an 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 15 US and international patents and another 15 pending patent applications.

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