



Metadichol® a natural, biodegradable and safe disinfectant against Superbugs.

Metadichol® can be used as a natural biodegradable disinfectant and inhibits superbugs that are involved in human disease transmission.

CHAPPAQUA, NY, USA, May 10, 2019 /EINPresswire.com/ -- Metadichol® a natural, biodegradable and safe disinfectant against [Superbugs](#).

Metadichol®, a nutraceutical in a Nano-emulsion form is effective in bringing the body to homeostasis through its effect on nuclear receptors leading to modulation of innate and adaptive immune process.. Metadichol®, can now be used as a natural biodegradable environmentally friendly disinfectant and the potential to inhibit many microbes and superbugs that are involved in human disease transmission.

NEW YORK – Metadichol®, a Nano-emulsion of a food-based ingredient made from food-based ingredients is developed by Nanorx Inc., has shown results that could lead to deployment use as a natural disinfectant. In-Vitro studies conducted in European, U.S. and Indian labs show Metadichol kills like E.coli, involved in gastrointestinal disorders and Pseudomonas aeruginosa, a common cause of hospital infection and also others like Candida albicans Staphylococcus Aureus methicillin-resistant ([MRSA](#)), (see complete list below). It inhibits most of the pathogens with a M.I.C (minimum inhibitory concentration) below 60 ug/ml. In the case of [Candida Auris](#) strains tested it was between 250-500 microgram /ml. Previous published work showed that Metadichol inhibited Ebola, Zika, Dengue and, Chikungunya, H1N1 and other viruses (MIC for viruses were all below 10 micro gram /ml) It thus has potential as a broad spectrum disinfectant that covers viruses, bacteria, parasites and fungus, and yeasts and therefore could have widespread applications in keeping our environment safe.

Metadichol inhibits the list of microbes below.

Asperligus brasiliensis, Streptococcus epidermis, Neisseria gonorrhoeae, Streptococcus pyogenes, Pseudomonas aeruginosa, Shigella boydii, Escherichia coli (E. coli), Streptococcus mutans, Staphylococcus Aureus, methicillin-resistant (MRSA), Micrococcus luteus, Candida auris* (strains 381,385,390), Salmonella enterica, Listeria monocytogenes, Candida albicans, Bacillus cereus Enterococcus faecium, Clostridium perfringens, Zygosacch aromyces rouxti * Candida Auris is invasive candidiasis, first identified in 2009, can cause infection of the bloodstream, central nervous system, and internal organs.

The founder of Nanorx Inc., Dr. P. R. Raghavan, will present the research results at an upcoming International conference on infectious diseases. "The recent research on Metadichol effect on these pathogens is promising," said Dr. P.R. Raghavan, Chairman, and CEO of Nanorx Inc, "because Metadichol is made with natural ingredients and is composed of GRAS substances it has no toxic effects, and is bio-degradable. The results are promising and further studies are in progress.

The disinfectant is a water solution which can be applied through a spray bottle. It is also available in gel form for topical application to keep our skin aseptic. It can be safely used for cleaning operating and patient areas in hospital and clinics free of pathogens.

Metadichol® is made of an absorbable Nano-emulsion of long-chain alcohols commonly known as policosanols, which are found in a variety of foods like peanuts, sugar cane, rice, and wheat. In our studies on humans, Metadichol® acts on Nuclear Vitamin D receptors (VDR) which are present in cells and tissues throughout the body and strengthens the immune system as well as prevent many diseases resulting from bacterial and viral infections that result from decreased immunity. Bacteria and viruses and other microbes have evolved and survived by binding to VDR and curtailing its functions. VDR is responsible for the maintenance of innate immunity. This allows them to infect humans and multiply using the body's machinery. Metadichol® competitively displaces the bacteria that are attached to the VDR and restores normal functioning of innate immunity.

The breakthrough nutraceutical by Nanorx Inc. is coming at a time when there is a need for preventing the growing threat from superbugs that lead to the transmission of many diseases, by contact, airborne or in food and water sources in homes, public areas and work areas.

For more information about Metadichol® related publications, visit, <https://www.researchgate.net> and www.academia.edu. For clinical testing, licensing and commercial opportunities, email; raghavan@nanorxinc.com.

About Nanorx Inc.:

A New York-based company, Nanorx Inc. was founded in 2008 by Dr. Palayakotai R. Raghavan after spending more than 25 years on drug discovery with various institutions. His invention Metadichol®, a plant-based Nano-emulsion, is a breakthrough in the treatment for many ailments including diabetes and tuberculosis while improving the immune system and maintaining health. The company has obtained U.S. Patents for the Metadichol and has been granted patents worldwide. Visit <https://www.nanoojas.net/> and www.gen100.com to view the company's products.

palayakotai raghavan

Nanorx Inc

+1 914-671-0224

[email us here](#)

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