

Nanomedicines: Scientific Way of Potentization of Homoeopathic Medicines

Problem Statement: Homoeopathy is a system of alternative medicine based on the belief that our human body has the capability to cure itself. Homoeopathic remedies are prepared to consist of ultra-high dilutions, leading modern scientists to believe that homoeopathy may be a placebo. Therefore, the researchers have made efforts to deliver a new scientific method of preparing homoeopathic medicines, which may convince the scientists of the presence of active ingredients in the medicines.

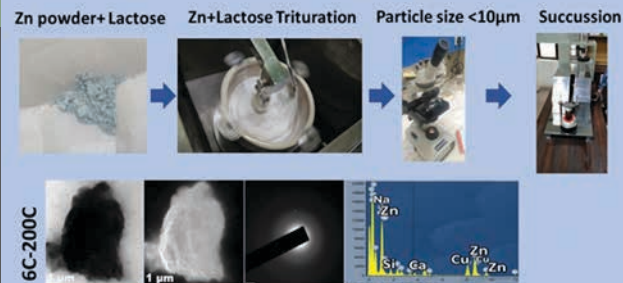
Uniqueness of the Solution: The team has limited the total number of dilutions within the Avogadro's number but retained the medicine potency succussion (vigorous mixing) to maintain the principle of homoeopathy preparation intact. They have shown that once the concentration after dilution reached a threshold of a few ng/mL, further serial dilutions did not result in a concentration reduction and an asymptote was formed. The manufacturing process indicates that the

silicate overcoat may also happen with all types of homoeopathic medicines by repeating succussion without excessive high dilutions.

Current Status of Technology: The team has tested the new method of homoeopathic medicine preparation at Willmar Schwabe India, a subsidiary of a German company. The company has accepted the process for industrial-scale manufacture, and this new method will be available to all manufacturers.

Societal Impact: In today's pandemic affected world, there appears to be a growing demand to cure various health conditions that elude any particular medicine system; it has made pluralism in therapeutic options a way of life. The Homoeopathy system has widespread support, cultural conformity, and many practitioners. The researchers have made efforts to develop new homoeopathic medicine potencies scientifically that are better in quality and improved efficacy

HOMEOPATHIC MEDICINES Zincum Metallicum - Preparation by New method



of their biological effect. Their new medicine preparation methods could help dispel the controversies surrounding the nature of homoeopathic medicines in the scientific world.

Patent(s): Filed

Relevant Industries: Healthcare, Pharmaceuticals.

Faculty: Prof. Jayesh Bellare and Prof. A. K. Suresh, Chemical Engineering.