

Concept of drugs, drug design and applications of nano medicine

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In recent era medicinal chemistry has an important intent is to design, develop and produce molecules possessing value as human therapeutic agents. This presentation covers basic concept, historical background and applications in living being in the form of Nano medicines which is now a day's popular therapy for the human beings. Nanoparticles have large surface area, their unique size-dependent properties make these materials are superior and indispensable in many areas of human activity and serve broad spectrum of application with drugs in specific manner.

Biography

Navin B Patel a Former Professor and Head, Department of Chemistry, Veer Narmad South Gujarat University, Gujarat (India). Vice president: Indian Council of Chemists. 35 years of teaching and research experience, working with quinolones, quinazolinones, triazoles, oxadiazoles, thiadiazoles, pyridine, pyrimidinenetc related heterocycle by random synthesis, Microwave synthesis, molecular docking and stimulation studies moreover testing their biological activities. Guided 37 Ph. Ds. and 18 M. Phils. In synthetic medicinal Chemistry, Published Dates more than 160 research papers in national and International journals, reviewers of many reputed journals. Presented and given talks also chaired in many conferences.

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