

Nanoparticle As A Novel Drug Dilivery System: A Review

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Abstract: *Nanotechnology is the science that deals with matter at the scale of 1 billionth of a meter and is also the study of manipulating matter at the atomic and molecular scale. Recently particulate systems like nanoparticles have been used as a physical approach to alter and improve the quality of human life. The potential use of polymeric nanoparticles as carriers for a wide range of drugs for therapeutic applications has been increased due to their versatility and wide range of properties. Different types of nanoparticulate material used in electronic, magnetic pharmaceutical, cosmetics, energy, catalytic and material industries. In this review the synthesis method of nanoparticles and their applications has been discussed..*

Keywords: Nanoparticles, Methods of preparation evaluation, route of administration.