

Nanomaterial Based Medicine And Medical Aids

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ABSTRACT:

One of the 21st century's most promising technologies is nanotechnology. Nano medicine, an offshoot of nanotechnology, refers to curing disease or repairing damaged tissues, such as bone, muscle, or nerve. Now a days a major success is owed to the way in which the unique physical and optical properties of NPs (Nanoparticles) being an achievement by researchers. Both these unique properties with the ease of synthesis, biocompatibility and customizability of NPs. There are many applications of nanoparticle and medicines are one of them. Nano medicine is, an inorganic NP with a biologically functional ligand provides the basis for the biomedical applications. The flexibility of Nano-technology allows for the development of safer, effective, diagnostic, therapeutic and imaging modalities. Recently NP based technology has led to the development in fighting diseases like cancer. NPs can deliver key information throughout the clinical process. Nano medicine eliminate all common diseases and all medical pain. This article present an overview about ways of synthesis and their applications as Nano medicine and nanomedical aids.