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(57) Abstract :
 Nanoparticles have been used in a wide variety of therapeutic settings in recent years. To overcome the limits of free therapies and transverse biological barriers (systemic, microenvironment, and cellular), nanoparticles have been produced. Precision treatments, in which individualized interventions have improved therapeutic effectiveness, have also helped overcome this problem of heterogeneity in the patient population. In contrast, nanoparticle research focuses on improving delivery platforms using a one size fits all approach. It is possible to move towards the age of precision medicine by customizing medication delivery using lipid, polymeric, and inorganic nanoparticles, all of which may be created to meet more precise specifications.