

A Review on Liposomal Drug Delivery System

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Abstract: Liposomes is lipoids bilayer, which have been first prepared by Bangham and others in 1961. They having extraordinarily drug entrapment efficiency. Due to their size, hydrophobic and lipophilic character they're most extensively used cars for drug shipping. The main goal of this drug transport gadget is to target the drug immediately to the website online of movement so that you can lengthen and decorate the drug effect. Liposomes are biologically compatible and are able to entrap hydrophilic as well as lipophilic drug inside its compartment. They are available in different sized varies from 0.05-5.0 μ in diameter. Numerous convectional techniques used for liposomal preparation and size reduction are mechanical dispersion strategies, solvent dispersion strategies and detergent elimination approach. Due to distinction in method of preparation and composition of lipids, liposomes may be characterised in step with length, price, lamellarity and so forth. This text provide a top level view of liposomes, benefits, disadvantages, mechanism of movement, classification, structural composition, training as well as evaluation parameters, programs and future elements.

Keywords: Liposomes, bilayer vesicles, drug entrapment, hydrophobic, hydrophilic etc

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