

عنوان مقاله:

Nano Liposomes in Novel Drug Delivery Systems: a review

محل انتشار:

چهارمین همایش ملی فناوری نانو از تئوری تا کاربرد (سال: 1394)

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خلاصه مقاله:

In this paper, liposomes as drug carriers in medicine applications have been considered. A liposome is a spherical vesicle having one or several phospholipid bilayer. The increasing interest in the use of these systems is because liposomes can carry and encapsulate particles that they have a hydrophilic or water-loving end and hydrophobic or water-fearing end. Liposomes characterize a novel system to deliver molecules to the site of action Advanced experiments shows that the drugs are encapsulated within liposomes, are more than hundred times more active compared to either of the free drugs. In addition, gene therapy which uses liposomes for gene delivery as a novel field of treatment of disease is known classification of liposomes based on their preparation, size, and applications is presented

کلمات کلیدی:

Liposomes, Hydrophilic, Hydrophobic, Drug delivery, PH-Sensitive liposomes

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