

عنوان مقاله:

Application of nanotechnology in drug delivery system and its effect on Cisplatin

محل انتشار:

دومین همایش ملی فناوری نانو از تئوری تا کاربرد (سال: 1392)

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خلاصه مقاله:

Purposeful drug delivery in recent years is utilized by nanotechnology to produce drug with high curative values and low side effects. This technology is used in cancer therapies. Chemotherapy drugs like Cisplatin due to their nonspecific effect after taking them, spread throughout the body via bloodstream and cause many side effects. Solid small colloidal particles load drugs such as Cisplatin on these carriers which makes drug to work at exact time and place, and side effects are reduced significantly or even eliminated.

کلمات کلیدی:

nanotechnology, Chemotherapy, Cisplatin, Cancer

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