



[Biological properties of liposomes and their practical application]

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Abstract: In the review the information about biological properties of liposomes and their application perspectives as independent medications so as transmitters of medicinal preparations is generalized. Approaches to the directed transport of biologically active matters by the different liposome types are discussed. Simultaneously solving of two important tasks on the decline of preparation toxicity and increase of their efficiency are proposed. The data about liposome distributing features at the different ways of their infusion in an organism and the mechanisms of interaction of corpuscles with the surface of target cells are provided. The most perspective aspects of liposomes and drugs in liposomal form at the modern stage of development of biotechnology, pharmacology and immunopharmacology and their practical application in oncology, antibiotic therapies, chemotherapy of infectious diseases, diabetes, gene engineering, treatment of Parkinson's syndrome, creation of artificial oxygen transporters, immunotherapy, allergology, vaccination and other are discussed.

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