

A Review on Tumour Specific Drug Delivery System

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Abstract: *With the development of nanomaterials, the study of drug delivery systems has exploded into a new field of cancer care in recent years. Drug delivery systems such as drug nanoparticles (nps) are expected to have more advantages in antineoplastic outcomes than conventional antitumor drugs, such as simple assembly, high efficiency, low toxicity, and in particular, active tumor-targeting ability. Delivery carriers, antitumor drugs, and even target molecules are the most common form of drug delivery. There are no systematic reviews on a list of drug delivery protocols used for tumor treatment at the moment. This paper introduces the design, functions, and applications of many common delivery carriers, as well as the antitumor mechanism of various antitumor drugs in delivery carriers in detail, providing a more theoretical basis for the future use of personalized cancer nanomedicine in the clinic.*

Keywords: drug delivery system, delivery providers, antitumor drug, targeting, tumor therapy

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