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Research advances and applications of nucleic

acid-modified techniques for biomedical nanomaterial

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Abstract

Functional nanoparticles possess great potential for precise diagnosis and optimum therapy of serious diseases. However, their application is limited by structural heterogeneity and physical properties, low drug-loading efficiency, the absence of effective drug release, and some undetermined physiological and biochemical properties.

Effective surface modification is able to overcome these limitations and largely improve

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