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Significance of Nano-B otechnology as Drug Delivery Vehicle

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Abstract

Materials in the nanoscale range are used as diagnostic instruments or to deliver therapeutic compounds to specifc targeted locations in a controlled manner in the relatively young feld of nanomedicine and nano delivery systems. Through the site-specifc and target-oriented administration of precise medications, nanotechnology provides numerous advantages in the treatment of chronic human diseases. Chemotherapeutic agents, biological agents, immunotherapeutic agents, and other exceptional uses of nanomedicine have been observed recently in the treatment of a wide range of illnesses. This study provides an updated overview of recent developments in the feld of nanomedicines and nano-based drug delivery systems by closely examining the identifcation and use of nanomaterials to enhance the efectiveness of both new and old medications.

Keywords:

Introduction

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Description

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Conclusion