

A Review on Lungs Tumor Targeted Drug Delivery System

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Abstract: Lung tumor targeted drug delivery systems play a vital role in improving the understanding and management of lung cancer. By studying the signs and symptoms, healthcare professionals can detect the disease at an early stage, while analyzing the causes, types, and stages helps in accurate diagnosis and selection of suitable treatment strategies. Conventional treatments like chemotherapy and radiotherapy often lead to severe side effects and toxic effects on healthy tissues. To overcome these limitations, advanced drug delivery approaches—such as passive targeting, active targeting, and dual targeting—have been developed. These systems enable controlled and site-specific delivery of drugs directly to the tumor cells, improving therapeutic efficiency and reducing systemic toxicity.

Keywords: Cancer, lungs, adenocarcinoma, squamous cell carcinoma, large cell carcinoma

