

Co-delivery of anti-cancer drugs by combination therapy

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Abstract: The combination of anti-cancer drugs is a common strategy to improve the efficacy of cancer therapy. The co-delivery of anti-cancer drugs by combination therapy is a promising approach to overcome the limitations of single drug therapy. This review discusses the various strategies for the co-delivery of anti-cancer drugs, including physical, chemical, and biological methods. The physical methods include co-injection, co-culture, and co-circulation. The chemical methods include conjugation, encapsulation, and complexation. The biological methods include the use of viruses, liposomes, and nanoparticles. The review also discusses the challenges and future perspectives of co-delivery of anti-cancer drugs by combination therapy.

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