The emergence of biofabricated nanoparticles as a delivery vehicle for cancer therapy is perhaps the best example where material science and nanotechnology can make a great impact on medical practice.This carrier should then facilitate the delivery of the drug to its site of action while protecting it from premature metabolism and excretion.Chemotherapy is one of the most preferred clinical methods used to control the growth of several types of malignant tumors; however, its effectiveness is dose–dependent and most chemotherapy drugs have a narrow therapeutic index.A major goal of current cancer research is to develop treatments that minimize undesired side effects and accumulation in healthy tissues, while increasing accumulation in the tumor.

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