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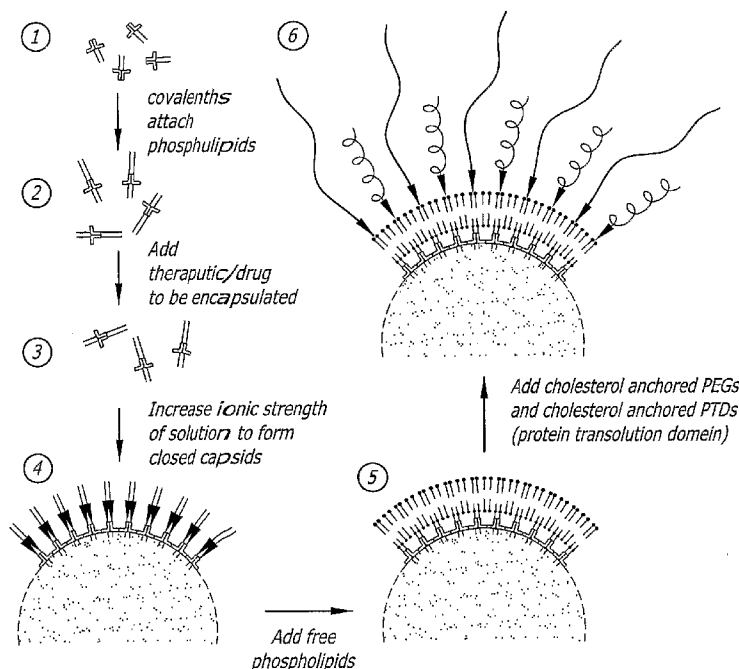
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(54) Title: SELF-ASSEMBLING NANOPARTICLE DRUG DELIVERY SYSTEM



(57) Abstract: A self-assembling nanoparticle drug delivery system for the delivery of drugs including peptides, proteins, nucleic acids or synthetic chemical drugs is provided. The self-assembling nanoparticle drug delivery system described herein includes viral capsid proteins, such as Hepatitis B Virus core protein, encapsulating the drug, a lipid bi-layer envelope and targeting or facilitating molecules anchored in the lipid bilayer. A method for construction of the self-assembling nanoparticle drug delivery system is also provided.

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