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Liposomes

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[dx.doi.org/10.17504/protocols.io.3byl4b3z8vo5/v1](https://doi.org/10.17504/protocols.io.3byl4b3z8vo5/v1)

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Liposomes are spherical vesicles with internal cavities and composed of one or more phospholipid bilayers. Their structural components are phospholipids or synthetic amphiphilic combined with cholesterol and other sterols, which can affect membrane permeability. Liposomes can encapsulate hydrophilic or lipophilic molecules. Their applications are now well established in various fields such as medicine, biomolecules, and gene delivery, and have been studied as DDS (drug delivery system) to enhance treatment safety and efficacy of the agent.

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<https://liposomes.bocsci.com/solution/liposomal-formulation-development.html>

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