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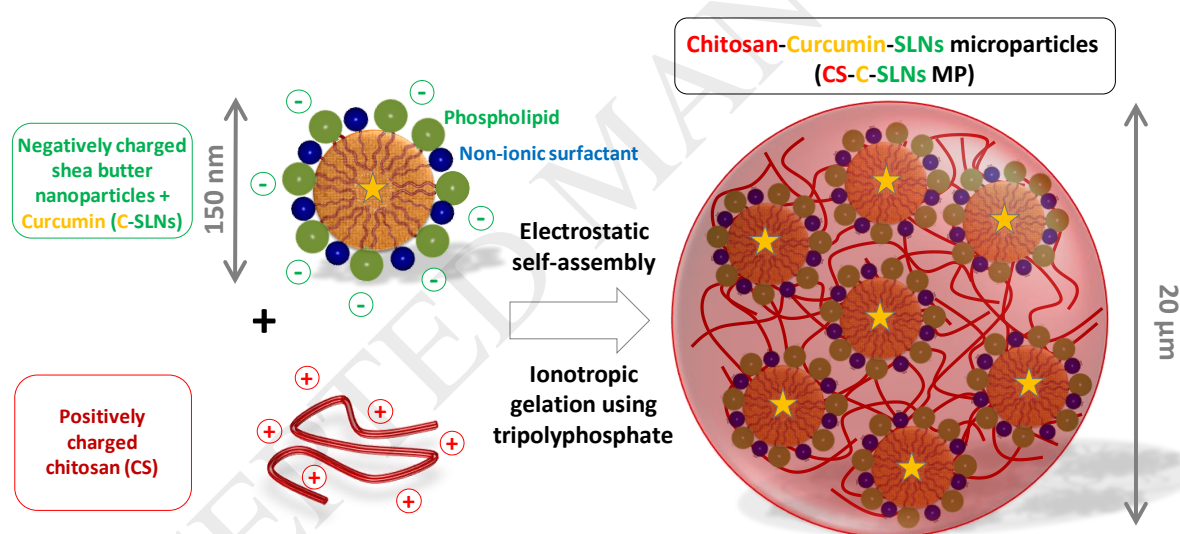
Chitosan - shea butter solid nanoparticles assemblies for the preparation of a novel nanoparticles in microparticles system containing curcumin

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Graphical Abstract



Abstract

In this study, a novel multi-scale drug encapsulation system, curcumin-Solid Lipid Nanoparticles (SLNs) loaded chitosan microparticles, has been formulated by combining biopolymer- and lipid-based drug delivery systems. Curcumin was loaded into phospholipids / Tween 80 stabilized shea butter SLNs (C-SLNs) using high shear homogenization –

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