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Title: Stability effect of cholesterol-poly(acrylic acid) in a stimuli-responsive polymer-liposome complex obtained from soybean lecithin for controlled drug delivery



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Stability effect of cholesterol-poly(acrylic acid) in a stimuli-responsive polymer-liposome complex obtained from soybean lecithin for controlled drug delivery

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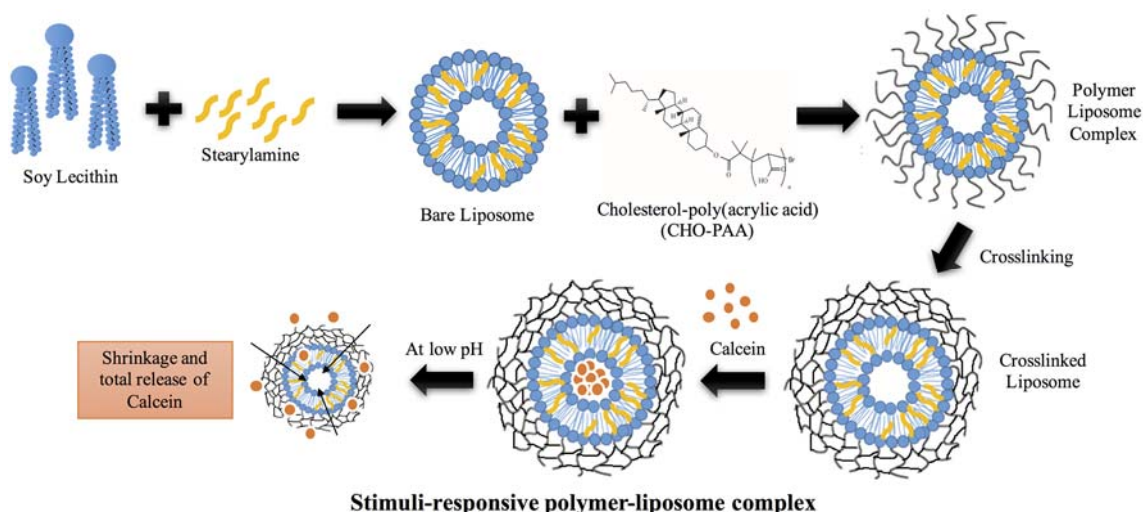
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Graphical abstract – Stimuli-responsive polymer-liposome complex



Highlights

- CHO-PAA was successfully synthesized by ATRP and efficiently incorporated onto LCST5.
- CHO-PAA were successfully crosslinked in order to create a cage and improve the controlled release.
- PLC10C showed an improvement in stability at physiologic conditions.
- Responses to environmental stimuli were observed for PLC10C.
- No cytotoxicity was observed for the obtained PLCs.

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