

Supplementary Materials: Controlling Properties and Cytotoxicity of Chitosan Nanocapsules by Chemical Grafting

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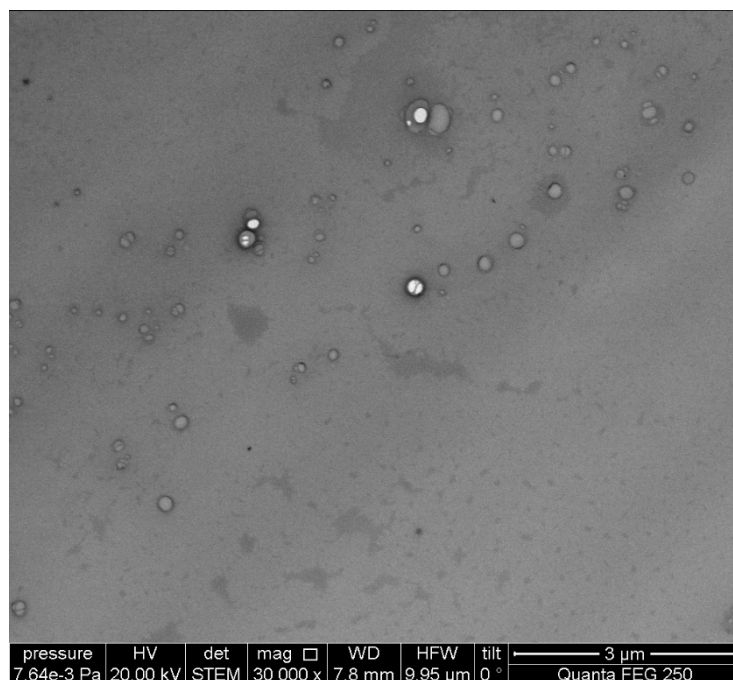


Figure S1. ESEM images of nanocapsules from a section of the epoxy resin block.

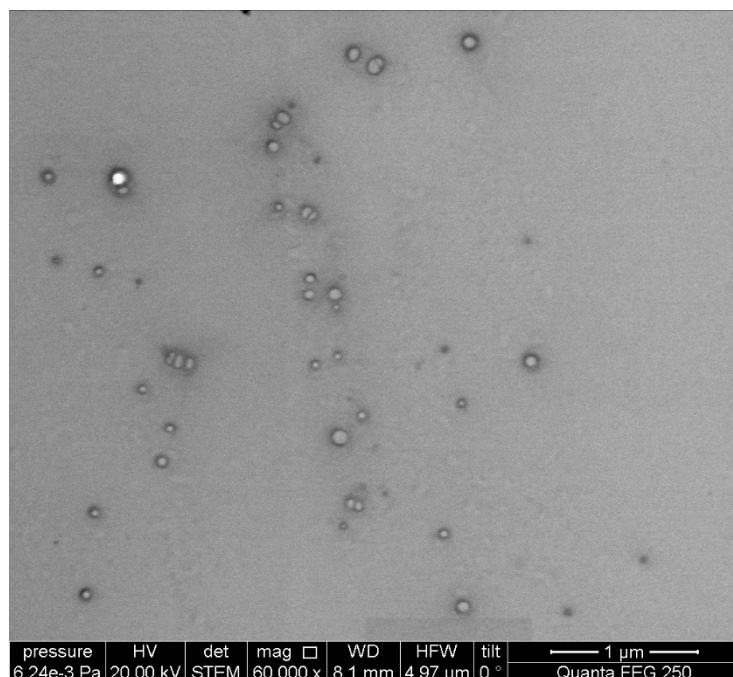


Figure S2. ESEM images of nanocapsules from a section of the epoxy resin block.

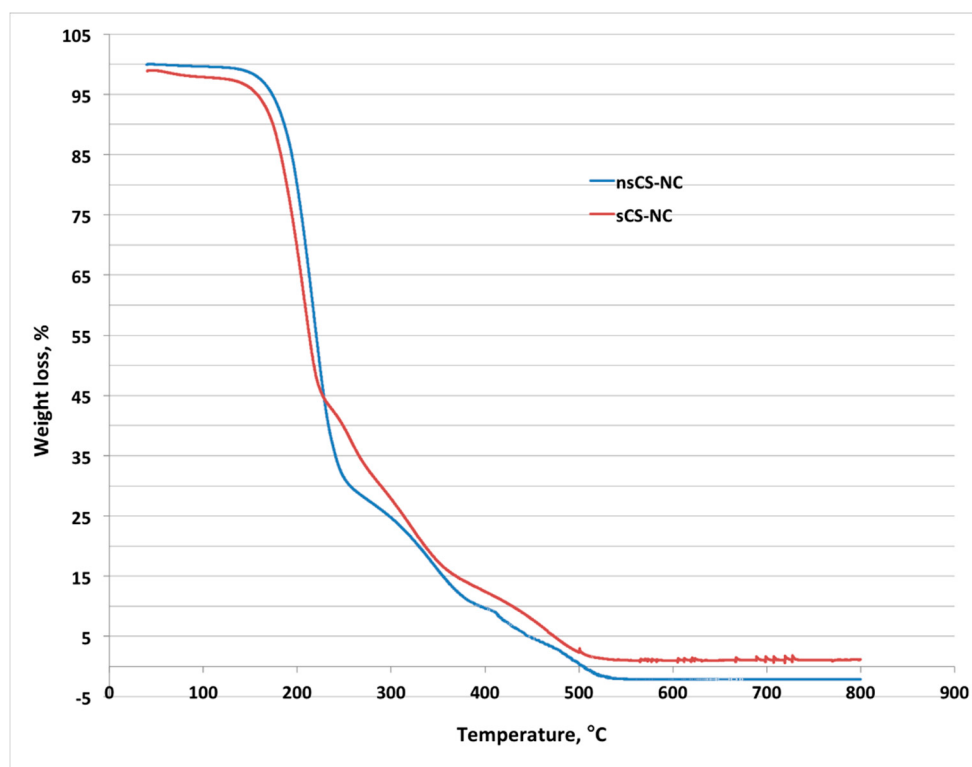


Figure S3. TGA analysis of sonicated (sCS-NC) and not sonicated (ns-CS-NC) chitosan nanocapsules.

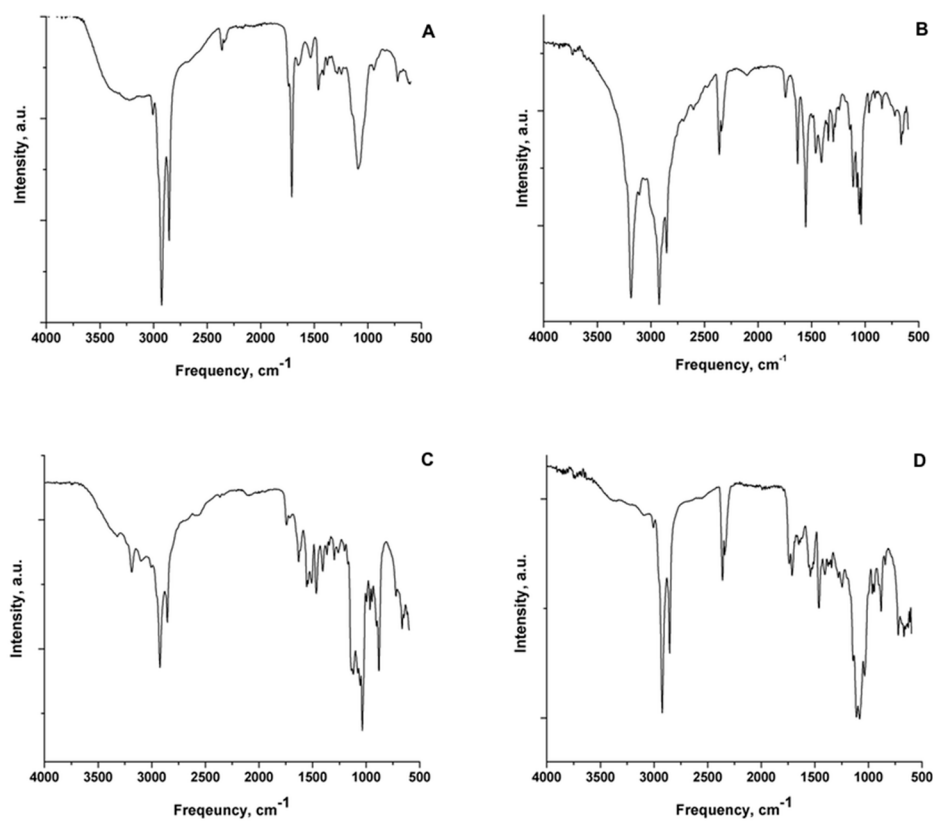


Figure S4. FTIR analysis of nsCS-NC before grafting (A); after BS³ linking (intermediate step) (B) and after grafting with different amounts of MeO-PEG5000-NH₂: IdCS-NC (C) and hdCS-NC (D).

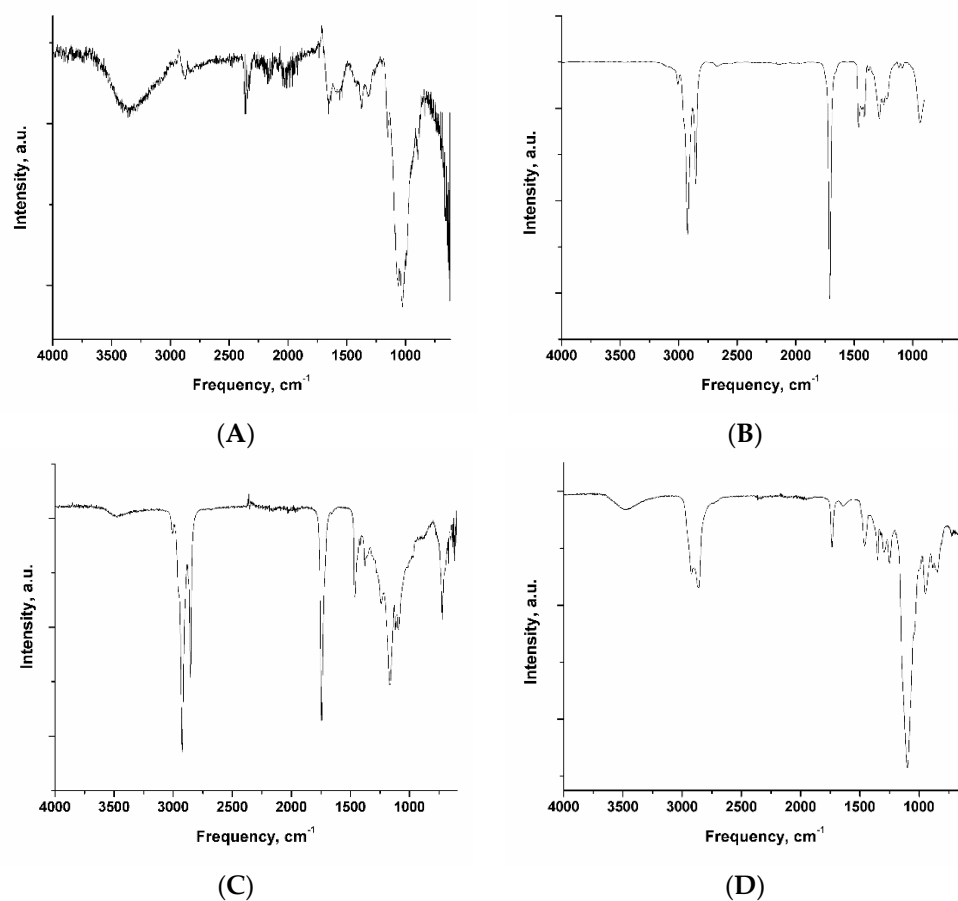


Figure S5. FTIR analysis of chitosan (A), oleic acid (B), Span 85 (C) and Tween 20 (D).

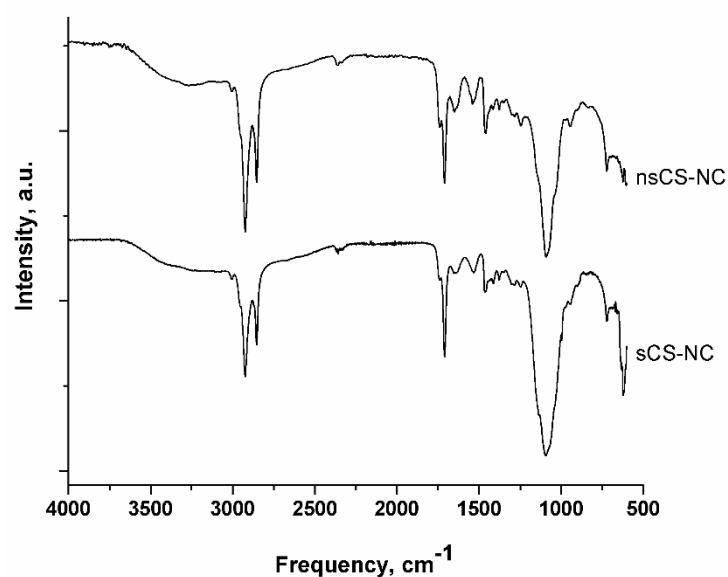


Figure S6. FTIR analysis of sonicated (sCS-NC) and not sonicated (ns-CS-NC) chitosan nanocapsules.