



## Study in Chitosan and Crosslinked Chitosan Nanoparticles

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### Message from the Guest Editors

Dear Colleagues,

Chitosan is a biodegradable polymer derived from chitin, which is found in the exoskeletons of crustaceans. It has a wide range of applications, including as a drug delivery system, wound dressing, and food preservative. Crosslinked chitosan nanoparticles are chitosan nanoparticles with a large surface area that have been treated with a crosslinking agent to increase their stability and durability. Crosslinking can also improve the mechanical properties of the nanoparticles, making them more resistant to degradation by enzymes or pH changes. This increased stability leads to crosslinked chitosan nanoparticles having many potential applications in various industries due to their biocompatibility, biodegradability, and versatility.

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*Guest Editors*





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