



## Chitosan-Based Nanoparticles

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Deadline for manuscript  
submissions:

**closed (25 June 2019)**

### Message from the Guest Editors

Much interest has been focused on nanoparticulate release systems based on chitosan and its derivatives because of their good biocompatibility and effectiveness in releasing macromolecular drugs. The physicochemical surface properties of the nanoparticles based on chitosan conjugates depend on the functional groups that have been substituted on the polymer chains. The use of chitosan and its derivatives for the preparation of medicated nanoparticles will be the focus of the present Special Issue to derive some considerations regarding the structure–activity relationship.

### Keywords:

- Chitosan derivatives
- Nanoparticulate drug delivery systems
- Macromolecular drugs
- Mucoadhesive nanoparticles
- Mucopenetrating nanoparticles
- Cells uptake





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