

## Special Issue

# Chitosan-Based Nanoparticles

### 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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### Guest Editors

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Dr. Angela Fabiano

Prof. Dr. Anna Maria Piras

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### Deadline for manuscript submissions

closed (25 June 2019)



## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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