

Special Issue

Chitosan: Structural and Chemical Modification, Properties and Application

Message from the Guest Editors

Chitosan is a polymer of natural origin with favourable properties, such as its ability to form chelates, non-toxicity, biocompatibility with the human body, and biodegradability, which can be used to form various structures (membranes, microgranules, sponges, etc.). Modifying chitosan into other forms such as hydrogels, nanoparticles, and nanofibers, or its crosslinking, grafting, combination with other materials, and ion templating, can allow the polymer to acquire even better properties than expected. Chitosan or chitosan-based composites can be applied in numerous important fields of our life, e.g., pharmacy, nutrition, environment, agriculture, medicine, and industry. If you work scientifically on chitosan and have any interesting results, please feel free to share them in this Special Issue entitled "Chitosan: Structural and Chemical Modification, Properties and Application" of the *International Journal of Molecular Sciences*. Research and review papers are all welcome.

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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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