



Chitosan-Based Nanomaterials for Biomedical Applications

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Message from the Guest Editor

Dear Colleagues,

Being the second most abundant natural polymer on Earth, chitosan possesses many unique chemical, structural and biological properties that make it attractive for numerous biomedical applications. Chitosan can be easily fabricated into different nanomaterials or nanocomposites, such as nanofibers, nanoparticles, gels, micelles and liposomes, to suit different needs. In addition, numerous approaches developed for chitosan have also overcome limitations in biomedical fields by using chitosan derivatives, composites or nanocomposites.

This Special Issue aims to provide a broad coverage of recent research progress or up-to-date reviews addressing various aspects in this field. We are seeking contributions from researchers to discuss all application aspects of chitosan nanomaterials in tissue engineering, regenerative medicine, drug delivery, wound healing and diagnostics. Critical reviews by experts in these fields are also welcomed.

Prof. Jyh-Ping Chen
Guest Editor





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Message from the Editor-in-Chief

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