Special Issue

Chitosan-Based Nanomaterials for Biomedical Applications

Message from the Guest Editor

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.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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