Special Issue

Preparation and Application of Chitosan Nanoparticles and Gelatin Nanoparticles

Message from the Guest Editor

Chitosan, in which the N-acetylglucosamine moiety is a structural feature found in glycosaminoglycans, and gelatin, the partially denatured derivative of collagen, exhibit related bioactivities and biocompatibilities as their precursors. Chitosan- or gelatin-based functional biomaterials have attracted increasingly more attention. These functional biomaterials have promising perspectives in medicine, catalysis, absorbents, fine chemicals, and so on. Both biological polymers are convenient in the construction of novel nanoparticle composites. This Special Issue will mainly cover novel developments in the preparation, structure, and properties of hybrid nanocomposites based on biological macromolecules (chitosan, gelatin, and their derivatives).

Guest Editor

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