

Special Issue

Chitosan Nanoparticles in Drug Delivery 2022

Message from the Guest Editor

Chitosan is a polysaccharide derived through the deacetylation of the naturally occurring polymer chitin, which occurs in crustacean shells. Chitosan is widely available commercially in various forms, and its chemistry lends itself to functionalization. Due to its excellent biocompatibility, biodegradability and versatility, chitosan has been applied to diverse drug delivery systems for nearly every route of administration. The close relationship between the physical properties of the specific chitosan polymer used and its performance in drug delivery systems requires that we gain a further understanding not only of advanced fabrication methodologies and key physical characterization parameters, but also of biological interactions with chitosan at the cellular and systems levels. This Special Issue of *Pharmaceutics* plans to provide readers an overview and considerable depth on the current state of chitosan nanoparticle technology, application and analysis.

Guest Editor

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