



Pharmaceutical Polymers

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Message from the Guest Editor

Polymers play essential roles in the pharmaceutical field, thanks to the matching of their chemical-physical features with the needs of medicinal manufacturing processes, as well as in biopharmaceutic aspects. In recent years, the incoming of personalized therapeutic treatments and the spreading of biological therapeutics have further encouraged the development of pharmaceutical polymers thus bringing more opportunities for formulators to achieve efficacious pharmaceutical dosage forms, drug delivery systems, and diagnostics.

This Special Issue is focused on the application of either naturally derived or synthetic biocompatible polymers in the pharmaceutical field, especially dedicated to research aimed at associating specific polymer chemical-physical features with biopharmaceutic and pharmacokinetic improvements, benefits that support active stability, eased processing (eg., printing, electrospinning, nanoparticle technology, etc.), and inherent/adjutant bioactivity.

Keywords

- Biopolymers
- Pharmaceutical dosage forms
- Diagnostics
- Macromolecular complex
- Nanomedicine
- Functional polymers
- 3D Processing





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Message from the Editor-in-Chief

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