

Special Issue

Advances in Biopolymers and Nanomaterials for Biomedical Applications

Message from the Guest Editor

The field of polymer-based biomaterials (biopolymer) development has seen tremendous potential and research interest due to their tunable characteristics, biocompatibility, and enhanced bioavailability, especially when used as nanomaterials. This has led to rapid development in the delivery of drugs, small molecules, genes, and antibodies against a variety of diseases. Their application ranges widely from surgery, wound healing, and cancer management to tissue engineering, surface-modified medical devices, implants, immunotherapy, theranostics, and drug/gene delivery system formulation. This Special Issue of *Processes* aims to provide a platform for biopolymer researchers and materials scientists to disseminate their results. We aim to curate novel advances in recent cutting-edge developments in the area of biopolymers and nanomaterials developed for biomedical applications. Any contributions related to biopolymer development, biocompatibility, surface functionalization, antimicrobial activity, drug delivery, and tissue engineering are all welcome.

Guest Editor

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