



## Polymeric Material for Biomedical Applications

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### Message from the Guest Editor

Polymeric materials are of great importance because of their relatively low cost synthesis. The great diversity of natural (proteins, polysaccharides, and nucleic acids), bio-based, and synthetic polymers as well as their copolymers is at the cutting edge of multi- and inter-disciplinary research. The fabrication of nanostructures, including nanofibers, nanofilms, and nanoparticles, from polymers is necessary for tissue engineering and bionanotechnology.

Further elucidation and evaluation of the currently available synthetic and natural polymers, their hybrids, and novel materials are required for a comprehensive analysis of their stability, cellular uptake, acute and chronic toxicity, induction of innate and adaptive immunity and allergic complications for their possible implementation in bionanotechnology, vaccinology, drug design, and tissue engineering.

This Special Issue, “Fabrication and Characterization of Polymeric Materials”, will include selected research and review articles describing both the advantages and disadvantages of already known and novel polymers for biomedical applications.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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