



Biologically Synthesized Nanomaterials and Their Nanocomposites for Biomedical Applications

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Message from the Guest Editors

The unique and superior properties of nanomaterials have revealed strong potential for rapid development of nanotechnology based biomedical applications. There are already some nanomaterials-based products available in the market and many are in the pipeline for commercialization. Of various methods for the synthesis of nanosized materials, green approaches by using natural materials are widely adopted in biomedical fields to avoid organic passivators which are hazardous both for the environment and human body. Over the last decade, many studies have been devoted to preparing green nanomaterials that possess biological activities for various medicinal applications. Therefore, the objective of this research topic is use of biosynthesized nanomaterials and their biocomposites for various biomedical applications such as dental composites, tissue engineering, drug delivery, biosensors, microneedles patches, and photothermal therapy.

The aim of this Special Issue is to collate original research and review articles with a focus on the nanomaterial and nanocomposites and their biomedical applications.





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Message from the Editor-in-Chief

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