Special Issue

Applications of Green Nanomaterials in Biomedical Treatment

Message from the Guest Editors

During recent years, different “green” materials, such as fibroin, keratin, gelatin, chitosan, zein, and soy proteins, have been extensively investigated in order to develop ideal candidates for various biomedical applications. Indeed, current research for novel nanomaterials has had increasing focus on renewable and biodegradable proteins, polysaccharides, and lipids or their combinations for the production of effective and versatile nano-biomedical systems for the treatment of different pathologies.

The aim of this Special Issue of Applied Sciences is to collect full-length articles, reviews and communications on the development, characterization (including biological), and potential wide range of applications of green nanomaterials, including imaging, drug delivery, antimicrobial treatment, and tissue engineering. Particular attention will be given to the use of low-cost and environmentally friendly procedures for nanoparticle preparation.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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