

Special Issue

Bioactive Nanoparticles: Synthesis and Potential Applications

Message from the Guest Editors

Bioactive nanoparticles can significantly influence interactions with biological systems. They often exhibit unique bioactivities owing to their nanoscale size effect, well-defined architecture, and precise surface property. Without doubt, bioactive nanoparticles have represented an important and exciting area of research. Bioactive nanoparticles can be inorganic, organic, inorganic–organic hybrid, carbon-based composites, polymeric, or supramolecular-based materials. Synthetic methods have significant effect on the physicochemical properties of the bioactive nanoparticles. Recently, there has been growing interest in the potential use of bioactive nanoparticles in biocatalysis, biosensing, imaging, hemostasis, cancer immunotherapy, bone regeneration, wound dressing, and so on. In this light, the aim of this Special Issue is to generate discussion on the latest advances in research on the synthesis and potential applications of bioactive nanoparticles.

Guest Editors

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