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Advances in Functional Nanocomposite Materials for Bioapplications

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Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

The aim of this Special Issue, “**Advances in Functional Nanocomposite Materials for Bioapplications**” is to invite researchers and scholars to submit original research and review articles focusing on current developments, challenges, and solutions unleashing the potential of functional nanocomposites. This research theme is proposed to address new innovative synthesis protocols of functional nanomaterials, their structures, and functional relationship, as well as harness them to viable and state-of-the-art bioapplications.

Potential research topics include, but are not limited to, the following:

- Synthesis of functional biocompatible organic/inorganic nanocomposites;
- Structure–property relationship of biocompatible nanocomposites;
- Nanocomposites for antibacterial/wound dressing applications;
- Nanocomposites for imaging-guided drug delivery;
- Nanocomposite-based sensors for advanced screening or medical diagnostics;
- Nanocomposites for microfluidics and wearable sensors;
- Multifunctional biodegradable nanocomposites for tissue engineering;
- Nanocomposite for therapeutic drug monitoring and in vivo imaging.



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Special Issue



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Message from the Editor-in-Chief

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