

Special Issue

Advances in Potential Bioapplications of Functional Nanomaterials

Message from the Guest Editor

Nanomaterials have shown great potential in biomedical fields in the past few decades, especially in biosensing, drug delivery, bioimaging, and targeted therapy.

Recently, the development of novel functional nanomaterials for antibacterial, antiviral, and anticancer purposes as well as bone tissue regeneration has attracted a lot more attention. Compared with the traditional methods, novel functional nanomaterials as sensing platforms, drug delivery systems, or other active agents show a higher efficacy and lower side effects. This Special Issue will focus on the recent advances in potential bioapplications of novel functional nanomaterials, including metal-based nanomaterials, nanosized polymers, carbon-based nanomaterials, nanogels, or others.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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