

Special Issue

Synthesis of Nanomaterials and Their Applications in Biomedicine

Message from the Guest Editor

Advances in nanoscience have been greatly beneficial to biomedicine with regard to the preparation of innovative nanomaterials, hybrid nanocomposites, multifunctional materials, and 3D-printed structures enhanced with nanoparticles, either for diagnosis or therapeutic approaches. This Special Issue is concerned with the synthesis of nanomaterials and their applications in biomedicine, including the development of organic and inorganic nanomaterials with the potential to be used for biomedical applications. Thus, topics for this Special Issue may include synthesis procedures, physicochemical characterization, and interactions of various nanomaterials with biological systems. Special attention will be given to photodynamic and photothermal applications, theranostic approaches, and bioimaging. Both original manuscripts and reviews are welcome.

Guest Editor

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Deadline for manuscript submissions

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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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