Special Issue

Functional Nanomaterials in Analytical and Biomedical Sciences

Message from the Guest Editors

Recently, the functionalization of nanomaterials with surface-active ligands has attracted significant interest in multidisciplinary research. This Special Issue focuses on the synthesis of functional nanomaterials and their applications in analytical (sensing, separation, and removal of chemical species) and biomedical (drug delivery, bioimaging, and tissue engineering) sciences. Potential topics include (but are not limited to) the following: Functionalization of nanomaterials;
Nanosensors;
Nanoadsorbents;
Drug delivery;
Nanomaterials-based microextractions;
Green synthesis of functional nanomaterials;
Tissue engineering;
Bioimaging;
Functional nanomaterials in environmental chemistry;
Functional nanomaterials in advanced biomedical sciences;
Functional nanomaterials in separation science.

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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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