

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

Dr. Nefeli Lagopati

School of Health Sciences, Department of Medicine, National and Kapodistrian University of Athens, 11527 Athens, Greece

Deadline for manuscript submissions

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of
Münster, Corrensstrasse 48, D-48149 Münster, Germany

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