Special Issue

Inorganic Nanomaterials

Message from the Guest Editor

At the interface between nanomaterials and biological systems, an understanding of the interactions between them is of significant interest. Biomolecules, such as DNA, proteins, peptides, virus, enzymes, biopolymers, and others, have unique abilities to form hierarchical and ordered 1D, 2D, and 3D nanostructures and nanomaterials by molecular self-assembly in liquid, solid surface, and air–water interfaces. The resulting bionanomaterials may have potential applications as novel fibers, sensors, adhesives, energy generating and so on, that can be applied in the fields of biomedical engineering, tissue engineering, biosensors, nanotechnology, energy materials, and others. This Special Issue aims to collect and disseminate some of the most significant and recent contributions in the interdisciplinary area of bio-nanomaterials research. Both original research and review papers are welcome.

Guest Editor

Prof. Dr. Ick-Soo Kim

Nano Fusion Technology Research Group, Institute for Fiber Engineering (IFES), Interdisciplinary Cluster for Cutting Edge Research (ICCER), Shinshu University, Tokida 3-15-1, Ueda, Nagano 386-8567, Japan

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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 30th 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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