

Special Issue

Supramolecular Nanomaterials for Biomedical Application

Message from the Guest Editors

With outstanding biocompatibility, synthetic flexibility, improved therapeutic performances, and reduced side effects, supramolecular nanomaterials are considered one of the most attractive candidates for many biological applications. This Special Issue aims at the design strategy, advanced functionality, and biomedical applications of supramolecular nanomaterials. Full-paper submissions will undergo the normal peer-review process and will be accepted based on the same standard of a regular submission to *Nanomaterials*. The scope of the Special Issue covers the preparation, characterization, and biomedical application of all supramolecular nanomaterials. The following examples may provide a guide to what will be covered (not exclusive):

- Supramolecular nanomaterials: proteins and nucleic acid nanoparticles; polymer nanoparticles; inorganic-organic hybrids and composites (i.e., MOFs; metal-organic polyhedron), quantum dots, self-assemblies, etc.;
- Methodologies: Synthesis and characterization of organic, inorganic, and hybrid supramolecular;
- Applications: Any biomedical application of supramolecular nanomaterials.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Jinfeng Zhang

Prof. Dr. Minhuan Lan

Prof. Dr. Huiqing Peng

Deadline for manuscript submissions

closed (30 January 2023)



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About the Journal

Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

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