



Advances in Nanomaterials in Biomedicine

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Message from the Guest Editor

The Special Issue “**Advances in Nanomaterials in Biomedicine**” is addressed to investigators working on the application of nanomaterials in biomedicine.

Research articles and reviews are invited to “Advances in Nanomaterials in Biomedicine” Special Issue to gather information about achievements in various fields of nanotechnology connected to different branches of biomedicine. We hope that this Special Issue will serve as a kind of multidisciplinary congress, allowing one to discuss developments in the field of nanomaterial application in biomedical research, including but not limited to the following:

- New approaches using nanomaterials to diagnose various disease, including cancer and infections;
- The use of nanomaterials to improve the preservation and storage duration of medical preparations;
- Nanomaterials providing targeted delivery of medical preparations;
- Nanomaterials in tissue engineering and prosthetics;
- Nanomaterials to improve patient care, new effective antimicrobial agents.





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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.

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