



Nanomaterials for Advanced Biological Applications

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Message from the Guest Editor

Dear Colleagues,

The importance of nanomaterials needs no further introduction. Tremendous efforts and progress are being made continuously by researchers all over the world. Therefore, it is of utmost importance and urgency to document all the new achievements and disseminate the information as widely and as quickly as possible.

This Special Issue is one such timely effort dedicated to the various new developments in the design, synthesis, structure, function, and applications of nanomaterials in the field of biology. The scope of this Special Issue includes biological approaches for the synthesis of nanomaterials, the usage of biobased nanomaterials, and/or the biological applications of nanomaterials.

Prof. Dr. Kumar Sudesh
Guest Editor





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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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