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Advanced Studies in Bionanomaterials

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Dear Colleagues,

In the last ten years, nanomaterials have been used in many fields, such as medicine, diagnostics, drug release, food additives, agriculture, and the environment. Biomolecule nanomaterials synthesized from bacteria or other microorganisms from algae and plants have been used in many of these fields. In this Special Issue, we want to address all the aspects of bio-nano molecules from production to their use in the environment. Cutting-edge bionanomaterials have novel properties, and therefore, we solicit papers that evidence the novel characteristics and peculiarities of actions of these nanomaterials and how they can be applied. Materials like chitosan, nanocellulose and others have the capacity to adapt to many human activities and can contribute to the human and environmental well-being.

See more information in
https://www.mdpi.com/si/190187

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Editor-in-Chief

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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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