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Nanomaterials and Microorganisms

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Message from the Guest Editors

Dear Colleagues,

The key roles of microorganisms in the environment, agriculture, and human health are increasingly recognized. Accordingly, research regarding interactions between microbial communities and their surrounding environments, including xenobiotic exposures, is growing exponentially. Since nanomaterials represent a major group of novel materials designed for antimicrobial applications, use in agriculture, environmental remediation, food industry as well as medicine, it is crucial to understand the underlying mechanisms of nanomaterial interactions with microorganisms in these applications...

For further reading, please follow the link to the Special Issue website at: <https://www.mdpi.com/si/73417>.

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Guest Editors



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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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