

## Special Issue

# Nanomaterials and Microorganisms, Volume II

### Message from the Guest Editors

After the successful completion of the Special Issue “Nanomaterials and Microorganisms”, we feel that there is a continued interest in this topic; thus, we are reopening the Special Issue for the collection of relevant research articles and review papers. The key roles of microorganisms in the environment, agriculture, and human health are increasingly being 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 and use in agriculture, environmental remediation, the food industry, as well as medicine, it is crucial to understand the underlying mechanisms of nanomaterial interactions with microorganisms in these applications. Thus, this Special Issue invites publications in the broad area of nanomaterial–microorganism interactions. We look forward to receiving your submissions.

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### Guest Editors

**Dr. Monika Mortimer**

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### Deadline for manuscript submissions

closed (31 August 2023)



## Nanomaterials

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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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### Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

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