

Special Issue

Advances in Antimicrobial and Antiviral Nanoparticles

Message from the Guest Editors

Nanostructures or nanoparticles (NPs) are increasingly applied to target microorganisms as an alternative to traditional antibiotics. In this Special Issue, we welcome contributions on the antimicrobial mechanisms of NPs against microorganisms, in particular those involving molecular aspects. These contributions should address the gaps in research knowledge, the limitations of current research, and the discovery of promising novel future approaches to synthesis, characterization, clinical and environmental sciences, and modes of antimicrobial action of inorganic, organic and biogenic NPs for sustainability applications.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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