# Special Issue

# Nanomaterials: Recent Advances in Biomedical and Sensing Applications

## Message from the Guest Editors

This Special Issue invites the submission of original research papers and review articles on recent advances in nanomaterials, including nanostructured films. All aspects of their unique properties, including their optical, electrical, thermal, mechanical, and biological characteristics, and their applications in sensing, biology, optical devices, and imaging will be covered in this Special Issue. We welcome reviews, viewpoints, and original research papers that pique readers' interest in nanoscale biomedical applications. The extremely rapid development of nanostructured devices and/or materials and the new frontiers that their capabilities open both illustrate the need for a focused Special Issue. Topics of interest include, but are not limited to, nanostructures, nanofilms, nanointerfaces, nanomaterials, nanocomposites, as well as nanotubes and nanosheets, and all aspects of their application

## Guest Editors

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## Deadline for manuscript submissions

closed (6 June 2023)

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# About the Journal

## 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.

## Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
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