

Special Issue

Eco-Friendly Nanomaterials for Medical and Healthcare Applications

Message from the Guest Editors

This Special Issue focuses on recent progress in developing, fabricating, characterising, optimising, and applying sustainable nanomaterials for healthcare applications. It aims to gather cutting-edge research that addresses critical challenges in this field, such as the encapsulation of nano-fibres with bioactive compounds, biocompatibility, toxicity, and large-scale production. By fostering an interdisciplinary dialogue between nanotechnology, medicine, and environmental science, we hope to inspire the further exploration of eco-friendly nanomaterials, thus contributing to a future of sustainable and effective healthcare solutions. We invite contributions that reflect the diversity and innovation shaping this dynamic field.

Guest Editors

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Deadline for manuscript submissions

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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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

Editor-in-Chief

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