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Synthesis and Application of Nanomaterials in Medicine and Related Sciences

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Message from the Guest Editors

Dear Colleagues,

The present Special Issue is dedicated to all researchers and academics who deal with the synthesis, characterization, and practical applications of nanomaterials in new medical therapies, diagnostics, and analyses due to their *biological activity* with therapeutic relevance and other desirable physicochemical properties. Basic research aimed at elucidating mechanisms of action of these nanomaterials are also of interest for this Issue.

Prof. Dr. Pawel Pohl
Dr. Piotr Jamroz
Dr. Anna Dzimitrowicz
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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