

Special Issue

Applications of Nanomaterials in Biomedical Imaging and Cancer Therapy: 3rd Edition

Message from the Guest Editor

Dear Colleague, Our first and second successful Special Issues, entitled “Application of Nanomaterials in Biomedical Imaging and Cancer Therapy”, received a collection of excellent works on applying nanomaterials and nanotechnology in biomedical imaging and cancer therapy. We recognized that it was timely and necessary to have a platform to share researchers’ studies in order to keep pace with the recent technological changes in nanomaterials and nanotechnology. Therefore, we are pleased to invite you to submit your research works focusing on studies using nanomaterials as enhancers in targeted therapy and precise imaging. This includes, but is not limited to, those presenting developments in imaging agents and enhancers in cancer therapy, experimental results from cellular, preclinical, and clinical studies, and computational methods/simulations of the interaction between the nanomaterials and cell/DNA targets. This Special Issue aims to continue our previous Special Issue and welcomes original research articles, technical reports, and reviews. We look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (15 August 2025)



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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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