Special Issue

Organic Nanomaterials in Biomedicine: Applications and Perspectives

Message from the Guest Editor

In this Special Issue, we would like to invite you to submit an original research paper or review paper, which deals with the synthesis and application in biomedicine of organic-based nanomaterials. Topics of interest include the design and characterization of innovative nanostructures, the evaluation of their interactions with biological environments (including intracellular trafficking and interaction with serum proteins), and their use as diagnostic tools. Particular attention will be devoted to the role of targeting sequences in determining the fate of nanomaterials in vitro and in vivo. Novel applications in emerging fields, such as lysosomal and cytoplasmic protein and miRNA delivery, are welcome. Dr. Giovanni Signore

Guest Editor

Dr. Giovanni Signore Scuola Normale Superiore

Deadline for manuscript submissions

closed (17 July 2019)



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Nanomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nanomaterials@mdpi.com

mdpi.com/journal/nanomaterials





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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 nanometerscale 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

Prof. Dr. Eugenia Valsami-Jones

School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

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