

Special Issue

Nanotechnology Applications in Antimicrobials

Message from the Guest Editors

Nanotechnology can improve existing modern therapies or create novel strategies to improve the efficacy of antibiotic therapies, such as drug delivery systems, and antimicrobial and antifouling surfaces. Nanosystems can create powerful alternative approaches with increased antimicrobial efficiency and the fine tuning of drug release over extended periods of time, avoiding resistance mechanisms and mitigating patient toxicity. This Special Issue on “Nanotechnology Applications in Antimicrobials” welcomes original research and reviews with a focus on the most interesting and innovative solutions in the field of design and applications of nanotechnology for antimicrobial solutions.

- drug delivery
- antimicrobial therapy
- biofilm inhibition
- microbial resistance
- nanobiomaterials
- nanostructures

If you are interested in contributing, please feel free to let us know. And we will provide a special discount.

Guest Editors

Dr. Eva Pinho

Dr. Jorge Padrão

Dr. Marta Fernández-García

Deadline for manuscript submissions

closed (20 April 2024)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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