

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

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Dr. Jorge Padrão

Dr. Marta Fernández-García

Deadline for manuscript submissions

closed (20 April 2024)



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