

## Special Issue

# Advances in Metallic Nanoparticles for Antibacterial and Antibiofilm Control

### Message from the Guest Editors

The formation of microbial biofilms is associated with challenges across various sectors, including medical devices, food processing equipment, and water distribution systems, among others. These biofilms represent a significant health risk due to their potential to cause infections. Microbial biofilms are communities of microorganisms that can develop on both living and inert surfaces. The methods traditionally employed to prevent microbial growth often prove ineffective at eradicating biofilms, potentially contributing to the development of resistance to antibiotics and antimicrobial agents. One promising strategy for controlling biofilm formation involves the use of metallic nanoparticles, which offer advantages due to their unique properties, including shape, size and surface area. This Special Issue aims to highlight recent advances in the field of metallic nanoparticles, focusing on their applications in antibacterial and antibiofilm strategies. We welcome contributions in the form of original research articles and concise critical reviews.

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### Guest Editors

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### Deadline for manuscript submissions

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