

Joint Special Issue

Recent Advances in Antimicrobial Materials

Message from the Guest Editor

This Special Issue covers the latest developments and applications of antibacterial biomaterials, including simulation, mechanistic understanding, and uses of antimicrobial compounds and materials. It also intends to inspect the role of innovative approaches and provide an overview of cutting-edge research on treatments, properties, and technologies in the development of antimicrobial applications. We invite scholars to contribute with original research articles and reviews on several pertinent topics, including but not limited to: - Synthesis of new antimicrobial molecules and nanoparticles; - Antimicrobial peptides; - Antimicrobial surfaces and coatings; - Models of activity, selectivity, and toxicity of antimicrobial agents; - Antimicrobial polymers; - Application for biomedical devices and food packaging; - Computational and bioinformatics approach to the design of novel antimicrobial agents.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2023)

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