



New Antibacterial Agents

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Message from the Guest Editor

Dear Colleagues,

The increase of antibiotic resistance in bacteria highlights the urgent need for improved antibacterial agents. There are interesting new agents with antibacterial potential but with modes of action that are not fully known, or well-known modified drugs with patterns of toxicity, effectiveness, and/or other related properties that need to be investigated. These new ways/agents are mainly targeted into bacterial virulence factors, cell division machinery, biofilm formation, or cell membrane disruption. It seems to be crucial to determine their antibacterial mechanisms and effectiveness in comparison to cytotoxicity against eukaryotic cells as a potential new agent for clinical application in the future.

Nanoparticles, naturally obtained antibacterials, synthetic or semi-synthetic agents which are chemically altered natural products, metal complexes, peptides, or bacteriophages and their lytic proteins are considered as new antibacterial agents.

This Special Issue is focused on the effectiveness, mode of action, and cytotoxic activity of new antibacterial agents.

Dr. Michał Arabski
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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