



## Metal-Based Antimicrobials

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### Message from the Guest Editors

Dear Colleagues,

Infectious diseases are becoming increasingly difficult to treat, because many microbes have developed resistance to clinically used antimicrobials. Antimicrobial resistance is especially correlated with the presence of biofilms, because in this form, microbes manifest up to one thousand times higher resistance. It is estimated that antimicrobial resistance causes at least 50 thousand deaths each year in Europe and the United States, and that it will cause 10 million deaths worldwide per year by 2050. Therefore, the development of new antimicrobial agents is of paramount importance. Metal complexes might represent a novel class of antimicrobial agents because of their favorable features compared with organic compounds, including enhanced stereochemistry and reactivity, lipophilicity, and different modes of action.

This Special Issue aims to highlight the progress in the field of the synthesis of novel metal complexes as potential antimicrobial agents, and investigation of their interactions with biological targets.

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## Message from the Editor-in-Chief

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