



antibiotics



Special Issue Reprint

Silver and Gold Compounds as Antibiotics

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Bacterial infections are a continuous threat to human health and one of the most important challenges in medicine today. The healthcare sector is facing a totally new challenge when it comes to dealing with the design and development of new antibiotics. Silver and gold salts have traditionally been administered to microbial infections. It is, therefore, essential to design new silver or gold compounds able to overcome the bacterial resistance of already known antibiotics. Moreover, promising antibacterial metal compounds, such as those of silver or gold, aim to resist the development of multidrug-resistant bacteria, and this is a research and financial issue of great importance.

This Special Issue on “Silver and Gold Compounds as Antibiotics” aims to provide an overview of this increasingly diverse field, presenting recent developments and the latest research with particular emphasis on the role of silver or gold compounds as antibiotics. Readers of this Special Issue will gain a broader knowledge of antimicrobial metal compounds.



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