

Special Issue

Silver and Gold Compounds as Antibiotics

Message from the Guest Editors

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 of MDPI *Antibiotics* entitled “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.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciplines are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

Editor-in-Chief

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