







an Open Access Journal by MDPI

Silver and Gold Compounds as Antibiotics, 2nd Volume

Guest Editors:

Prof. Dr. Sotiris K Hadjikakou

Section of Inorganic and Analytical Chemistry, Department of Chemistry, University of Ioannina, 451 10 Ioannina, Greece

Dr. Christina N. Banti

Section of Inorganic and Analytical Chemistry, Department of Chemistry, University of Ioannina, 451 10 Ioannina, Greece

Deadline for manuscript submissions:

15 July 2024

Message from the Guest Editors

The inaugural volume of the Special Issue, "Silver and Gold Compounds as Antibiotics," featured ten papers. Encouraged by the response from scientists in the field, we are now launching a second volume centered on the same theme.

Following the path established by the initial volume, this second edition will highlight recent research and review articles within biological inorganic chemistry. Specifically, it will explore the antimicrobial properties of silver and gold compounds, encompassing their nanoparticles.

This second volume aims to provide a comprehensive perspective on this evolving field, presenting recent breakthroughs and the most current research. The focus will remain on the role of silver or gold compounds and their nanoparticles as antibiotics. Readers engaging with this Special Issue will acquire an extensive understanding of antimicrobial metal compounds













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Nicholas Dixon

School of Chemistry and Molecular Bioscience, University of Wollongong, Wollongong, NSW 2522, Australia

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 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 disciples 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1 (*General Pharmacology, Toxicology and Pharmaceutics*)

Contact Us