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Gold and Silver Complexes in the Treatment of Diseases 2.0

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Message from the Guest Editor

At present, metal pharmaceuticals offer a new perspective in pharmacology and medicine. The growing development of so-called bioinorganic chemistry based on new drugs derived from metal complexes opens new possibilities in the treatment of diseases. In recent decades, gold complexes have been tested against HIV for the treatment of AIDS, acute forms of chronic asthma, and pemphigus (an autoimmune skin disease) and in the treatment of malaria, Chagas disease, and cancer. On the other hand, silver complexes have been used in the treatment of childhood blindness (ophthalmia neonatorum) and as antimicrobial agents for many years, and their antitumor potential is currently being studied. In recent years, the use of metal complexes as chemotherapeutic agents is gaining importance. Likewise, the use of nanoparticles as chemotherapeutic agents to transport metal complexes is beginning to be investigated.

This Special Issue may publish original research papers and reviews on aspects related to gold and silver complexes in the treatment of diseases, highlighting the mechanism of action and targets involved in its therapeutic properties.



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Special Issue



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Message from the Editor-in-Chief

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