



Mining for New Antibiotics

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 May 2021)

Message from the Guest Editor

Dear Colleagues,

Antibiotic resistance and the shadow of a post-antibiotic era are two of the most important societal threats we currently face. Our scarce antibiotic pipeline can take advantage of metal complexes as new building blocks. A great deal of research continues to reveal the unique advantages of metal complexes against pathogens. Unfortunately, little attention has been paid to this class of molecules outside the field of inorganic chemistry. This Special Issue seeks to expose the research of metal-based antimicrobial agents to a larger audience with the idea of starting a conversation among inorganic chemists and researchers in other fields. We hope that this issue can better guide the preclinical development of metal complexes toward becoming a new generation of urgently needed antimicrobials. This issue will welcome submissions that add to the understanding of metal-containing compounds and the role of metal ions in antimicrobial research.





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Editor-in-Chief

Prof. Dr. Nicholas Dixon

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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 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.

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