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# Design, Synthesis and Biological Assessment of Novel Antimicrobial Compounds

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Deadline for manuscript submissions:
**closed (31 May 2023)**

## Message from the Guest Editors

Since 2019, the novel human coronavirus SARS CoV-2 became a major health, sanitary and economic threat worldwide. It is presumed that the COVID-19 pandemic will significantly increase bacterial resistance due to the intensified consumption of antimicrobial agents. Furthermore, there is a greater need for efficient disinfectants. Thus, it is imperative to develop new antimicrobial scaffolds as a basis for the design of new potential leads.

This Special Issue invites research papers covering the most recent developments in new antimicrobial compounds by rational design, synthesis, biological assessment and/or in silico determination of relationships between structure and bioactivity. Manuscripts describing new comprehensive libraries of synthetic or natural-product-based bioactive compounds as well as optimized procedures for their synthesis, antimicrobial evaluations, and mode of action studies are also appreciated.

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## Editor-in-Chief

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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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