Special Issue

New Antibiotic Compounds: Discovery and Strategies

Message from the Guest Editors

This Special Issue welcomes all submissions related to antibacterial discovery. Perspectives (opinion letters) and submissions focusing on requirements to improve/accelerate antibacterial screening and hit to lead translation are encouraged. Potential topics include but are not limited to the following:

- Natural or synthetic antibacterial compounds;
- Antibiotic potentiators, efflux pumps inhibitors;
- Antivirulence, antibiofilm, and/or quorum quenchers;
- Microbial genome mining for antibiotic discovery;
- New strategies to enhance high throughput screening (from natural or synthetic libraries);
- Natural products dereplication strategies;
- Antibiotic discovery platforms.

Keywords: antibiotic; antimicrobial; discovery; high-throughput; screen; molecule-based strategies

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Deadline for manuscript submissions

closed (31 May 2023)

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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 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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