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Bacterial Lipids and Mechanisms Associated with Bacterial Resistance

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Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

Bacterial lipid membranes are promising targets to fight antimicrobial resistance. A deep understanding of the membrane architecture is fundamental for the development of new efficient antimicrobial strategies. Emerging disciplines like lipidomics are extremely powerful, as they provide knowledge of the bacterial lipid composition and therefore could revitalize this long-standing area of research.

The goal of this Special Issue is to bring together current views, new insights, and cutting-edge research on the discovery and biological roles of bacterial lipids associated with any bacterial resistance mechanisms. These include biofilm formation, antibiotic resistance, stress response, or immune evasion mechanisms.

We look forward to your contribution.

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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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