

Special Issue

Molecular Mechanism of Antibiotic Resistance in Microbial Biofilms

Message from the Guest Editor

I am pleased to invite you to a Special Issue of *Antibiotics* named Molecular Mechanism of Antibiotic Resistance in Microbial Biofilms. This Special Issue will collect all knowledge relating the molecular mechanism in biofilm resistance. Biofilms, as complex bacterial structures, have implications for the clinical and microbiological diagnosis of infections that are not straightforward, and treatment failures and recurrences are common. Studying new molecules that are more effective against these structures, as well as understanding the resistance mechanisms that occur under these specific conditions, is very important as bacterial biofilms protect bacteria from external physical and chemical changes.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2025)



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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 disciplines 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.

Editor-in-Chief

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