

Special Issue

Combatting Dental Infections: Insights into Oral Microbiota and Antibiotic Therapy

Message from the Guest Editors

Oral microbiota is proved to be the first microbial strategic pass for the gastrointestinal tract. It is important for the maintenance of both oral and systematic health. The imbalance or instability of oral microbiota, including the overabundance of certain bacteria, viruses, or fungi, results in the development of dental infectious diseases. Increasing the understanding of the functions and mechanisms of oral microbiota is the essential way to develop new targets, therapeutic strategies, and control concepts for dental infections, even some systematic diseases. In this Special Issue, we will decipher the deep relationship and mechanisms between oral microbiota and dental or systematic diseases and construct novel control and regulation strategies for oral microbiota, including antibiotics, antimicrobial chemical molecules, antimicrobial biomaterials, biomacromolecules, probiotics, therapeutic technologies, etc., to combat oral microbiota-related dental or systematic diseases. The goal of this Special Issue is to provide the clinical relevance of new targets and therapeutic strategies based on oral microbiota for dental and systematic diseases.

Guest Editors

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Deadline for manuscript submissions

31 December 2025



Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/215394

Antibiotics
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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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