

Special Issue

Advances in Antimicrobial Treatment of Periodontitis

Message from the Guest Editor

An increasing focus in the practice of periodontology is the antimicrobial therapy of periodontitis. This may entail the use of topical and/or systemic antibiotics, photodynamic disinfection with light-activated photosensitizing agents, dental laser-induced antibacterial/antiviral effects in periodontal pockets, prebiotics/probiotics, anti-infective patient home care regimens, and other methods to augment conventional mechanical/surgical treatment procedures in combatting dysbiotic periodontal bacterial biofilms/periodontal herpesviruses and resolving periodontal inflammation. This Special Issue aims to present new insights into the antimicrobial treatment of periodontitis, with emphasis on the role of antibiotics in periodontal practice. The goals are to advance knowledge in this area for dental researchers and clinicians alike, improve periodontitis treatment outcomes for affected patients, and reduce their risk for developing systemic health disorders related to periodontitis in the oral cavity. Thank you for considering the submission of new research findings and meaningful reviews to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

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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.

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