Special Issue

Antimicrobial Material in Dentistry

Message from the Guest Editor

Effective management of oral infectious diseases is a global challenge. Bacteria and biofilm formation on dental hard or soft tissue are the major cause of dental diseases (caries, periodontal and endodontic diseases). A wide variety of dental materials is used in the oral environment for restorative, prosthetic, and implant applications. However, none of these treatments guarantee complete elimination of bacteria/biofilm, nor the prevention of secondary infections. In order to achieve long-term clinical success, it is important to render dental materials with antimicrobial properties. Constant research is needed to continue improving the performance of these materials in dental practice. The goal of this Special Issue is to provide an overview of the progressions in antimicrobial dental materials and the development of new strategies (not only based on antibiotics) for the prevention of biofilm formation, or for the treatment of dental materials associated infections. All types of articles falling within the scope of the above research areas are welcome.

Guest Editor

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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.

Editor-in-Chief

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