



The Application of Antibiotic Therapy in Oral Surgery and Dental Implant Procedures

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Message from the Guest Editors

The presence of more than 300 bacterial species at the oral level may contribute to the occurrence of postoperative infections. The prescribing of antimicrobials is conventional in oral implantology and oral surgery procedures not only to avoid systemic bacteremia, but also to reach an adequate antibiotic concentration in the blood with the goal of preventing bacterial contamination during surgeries involving implants or grafted material. In spite of recent advances in this field, there currently is still a lack of sufficient high-quality investigations.

This Special Issue of *Antibiotics* deals with these topics. The issue welcomes original research papers, short communications, reviews, case reports, and perspectives. Potential topics for this project include but are not limited to:

- Protocols in dental implant procedures and oral surgery procedures.
- Microbiology concerning dental implant failures and/or peri-implantitis and oral surgery procedures.
- Epidemiology of antibiotic-resistant species.
- New therapies in preventive antibiotic therapy and/or antibiotic prophylaxis.
- Prescription patterns of professionals dedicated to oral surgery and oral implantology.





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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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