



Antimicrobial and Anti-biofilm Polymers in Implant Dentistry

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Message from the Guest Editors

Despite significant advancements being made in surgical techniques and implantable devices in recent decades, a non-negligible fraction of dental implants are still affected by mucositis and peri-implantitis in the surrounding tissue. These microbial-biofilm-associated diseases are a major medical and socioeconomic burden. The treatment of a peri-implant infection is arduous and constitutes an important issue in modern clinical practice. Prevention and treatment strategies have, therefore, become extremely important. Numerous scientific studies are currently focused on the development of new methods to prevent bacterial adhesion and to treat peri-implant infection. Polymeric coatings and antiadhesive/antibiofilm polymeric molecules show promising effects on the prevention and treatment of peri-implant diseases. Natural and synthetic polymeric molecules could play a role in the improving efficiency of microbial decontamination of the infected pocket. This Special Issue aims to collect preclinical and clinical research results in these topics. Both original contributions and reviews are welcome.





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