

Special Issue

Antimicrobial and Anti-biofilm Polymers in Implant Dentistry

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.

Guest Editors

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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