Special Issue

Genome, Biofilm Forming Ability and Antibiotic Resistance of Oral Pathogenic Bacteria

Message from the Guest Editors

Over the past few decades, increased understanding of oral biology and advances in technology have facilitated more accurate simulation of intraoral conditions. Investigations through metagenomics, genomics and proteomics have widened our view on oral bacteria. And the development of in vitro biofilm model systems have been allowed to quantify biofilm architecture and analyze microbial community composition. Many studies have reported the increased resistance of oral pathogens to several antibiotics. On the other hand, there are newly emerged oral pathogens whose antimicrobial susceptibility is still unknown.

In this Special Issue of Microorganisms, we invite you to send your contributions regarding any aspects of the ability of oral bacteria to form biofilms or concerning the impact of genome investigation on our understanding of oral pathogens. In addition, research on the antimicrobial susceptibility of oral pathogen-based studies is welcome for this Special Issue.

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Deadline for manuscript submissions

closed (31 March 2023)

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/91954

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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