

Special Issue

Oral Health Promotion by Controlling the Composition of the Oral Microbiome

Message from the Guest Editors

Many oral diseases such as dental caries, periodontal diseases, oral malodor, root canal infections, and candidiasis are caused by microorganisms. More than 700 species of commensal microorganisms inhabit the human oral cavity, many of which have been of great interest to researchers due to their pathogenic properties and their association with specific oral infections. The interactions between these pathogens and other commensal bacteria are still not well understood. The use of antimicrobial agents, including antibiotics, is one strategy to prevent and treat oral diseases. However, the abuse and inappropriate use of antimicrobial agents may lead to drug-resistance or microbial substitution. Several research groups are developing novel strategies to transform the oral microbiome from a pathogenic one to a healthy one. We are launching a call for papers that focus on the aspects mentioned above. Articles related to the molecular mechanisms behind the pharmaceutical effects are welcome. Clinical submissions with biomolecular experiments are also welcomed.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2021)



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