

Special Issue

Molecular Advances in Oral Microbiome and Diseases

Message from the Guest Editors

The oral microbiome is the second largest and most diverse microbiome in human body after the gut microbiome. In the state of equilibrium, the oral microbiome maintains a state of homeostasis and health in the oral cavity. However, an imbalance or dysbiosis of the oral microbiome can manifest into a range of oral diseases. Recent advances have shown that the role of oral microbes is not limited to the oral cavity. Instead, they are also closely associated with overall health and other diseases. Understanding the complex interactions between oral microbes, each other and the host will have future implications in the diagnosis and prevention of various health conditions. The goal of this Special Issue is to advance our understanding of oral microbial communities and their roles in the states of health and diseases. Submissions may include (but are not limited to) the following themes:

- Molecular mechanisms of oral microbes and host defenses;
- Microbial interferences in dental treatments;
- Oral bacteria and general health;
- Oral microbes as potential biomarkers;
- Role of microbes in oral cancer;
- Understanding of ecology and functions of oral biofilms.

Guest Editors

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