



## The Oral Microbiome: Inflammation, Oral Health and Autoimmune Diseases

Guest Editor:

**Prof. Dr. Zvi Loewy**

School of Medicine, New York  
Medical College, Valhalla, NY  
10595, USA

Deadline for manuscript  
submissions:

**closed (31 October 2021)**

### Message from the Guest Editor

Dear Colleagues,

The human oral cavity is home to a diverse microbial community comprised of several hundred different microorganisms. The oral microbiome's role in health and disease has been the focus of intense research in recent years. It is now known that when the composition of the microbiome is altered, and correspondingly the equilibrium is changed, dysbiosis, an imbalance between the types of organisms present in the natural microbiome ensues.

The oral microbiome has been implicated in the manifestation of many intra- and extraoral diseases. Examples of intra-oral diseases include dental caries, gingivitis, and periodontitis. Distinct bacterial species have found to be involved in the onset of various pathophysiological conditions, including cancer, atherosclerosis, chronic infective endocarditis, and rheumatoid arthritis. More recently, there has been an intense effort to investigate the relationship between microbial complexes, especially that of the oral cavity and intestine and autoimmunity. This Special Issue aims to publish advances in the oral microbiome and its relationship to inflammation and autoimmune diseases.

Prof. Dr. Zvi G. Loewy

*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Nico Jehmlich

Department of Molecular  
Systems Biology, UFZ-Helmholtz  
Centre for Environmental  
Research, 04318 Leipzig,  
Germany

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*Microbiology*)

## Contact Us

---

*Microorganisms* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/microorganisms  
microorganisms@mdpi.com  
X@Micro\_MDPI