



## Oral Microbiota and Associated Local and Focal Infections

Guest Editors:

### Prof. Pedro Diz Dios

Special Needs Unit, School of  
Medicine and Dentistry, Santiago  
de Compostela University,  
Santiago de Compostela, Spain

### Dr. Juan Blanco

Periodontology Unit, School of  
Medicine and Dentistry, Santiago  
de Compostela University,  
Santiago de Compostela, Spain

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submissions:

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### Message from the Guest Editors

Dear Colleagues,

The collective function of microbial communities is a major driver of homeostasis or dysbiosis and ultimately health or disease. Dysbiosis occurs due to factors that predispose a shift in the composition of the microbiome, abundance of particular species, virulence factors, and the immune response of the host. The dynamic and polymicrobial oral microbiome is a direct precursor of diseases such as dental caries and periodontitis. However, the emerging oral-infection-related diseases emphasize biomaterials and techniques for oral rehabilitation, medical devices, and links with systemic manifestations including diabetes, cardiovascular disease, lacunar infarct/ischemic stroke, chronic obstructive pulmonary disease, and chronic kidney disease, highlighting extraoral communications via inflammation and/or microbial presence. Moreover, the revolution of molecular diagnostic methods emphasizing nonculture techniques has redefined the oral microbiota.

The aim of this Special Issue is to provide new information on the etiology, pathogenesis, diagnosis, and treatment of oral infections and focal infections of oral origin, mainly focused on translational research.





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## 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.

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

Tel: +41 61 683 77 34  
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