

Special Issue

Oral Pathogens in Peripheral Inflammatory Diseases

Message from the Guest Editor

Regarding the role of oral pathogens in the onset and progression of Alzheimer's disease, there is solid evidence supporting the assumption that microbiological infections might influence the pathophysiology of Alzheimer's disease (AD). Notably, microbiological incursion into the central nervous system, likely via the oral-nasal-olfactory pathway or by circulating leucocytes, could be either an initiator or significant contributor to this disease. The oral microbiome contains thousands of bacterial and fungal species and many viruses, and the shift in this oral microflora towards disease development happens as a complex interaction of microbe-specific traits, host immune responses, and ecosystem-based factors. In this Special Issue, we would like to provide comprehensive overviews of important aspects of the role of pathogens able to worsen the oral condition and that may also play a triggering role in neurological dementias.

Guest Editor

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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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