

Special Issue

Oral and Dental Infectious Diseases: Molecular Pathology, Diagnosis and Therapy

Message from the Guest Editors

As homes to over 700 microbial species, the oral cavity and pharynx are thought to be reservoirs for bacterial infections. Almost all oral microorganisms are considered non-pathogenic opportunistic commensals supporting the maintenance of oral health condition and defending against pathogenic microorganisms. However, various oral infectious diseases, such as dental caries and periodontitis, are caused by oral biofilms formed by oral bacterial flora. Recently, oral infections have been found to be associated with widespread life-threatening systemic diseases such as diabetes mellitus, arteriosclerotic vascular diseases, infective endocarditis, cancer, kidney disease, and purulent infections, and have attracted increasing attention. Therefore, detailed knowledge of the molecular mechanisms of oral microbial pathogenicity, the identification of biomarkers useful in both diagnosis/prognosis and the development of novel preventive strategies/therapies against oral infections are much expected. This Special Issue welcomes original research articles as well as new perspectives or reviews on these matters.

Guest Editors

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Deadline for manuscript submissions

closed (20 June 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/157783

*International Journal of
Molecular Sciences*
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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