

Special Issue

New Technologies in Oral Medicine: From Molecular Pathology to Clinical Practice

Message from the Guest Editors

In recent years, the field of oral medicine has undergone a transformative journey propelled by novel technologies. Cutting-edge advancements now enable a comprehensive understanding of oral diseases at the molecular level, revolutionizing diagnostics and treatment strategies. Molecular pathology has become a cornerstone, unraveling intricate genetic and molecular mechanisms underlying oral conditions. High-throughput sequencing techniques have unveiled a myriad of biomarkers, offering insights into disease progression, prognosis, and personalized therapeutic approaches. In clinical practice, imaging technologies have evolved to provide detailed three-dimensional views, aiding in early detection and precise treatment planning. Finally, artificial intelligence (AI) applications are making significant strides in oral medicine, streamlining data analysis and decision-making processes. The objective of this Special Issue is to spotlight innovative diagnostic approaches utilized in oral medicine, offering a glimpse into a focused and effective approach to oral healthcare.

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