



Omics Sciences for Salivary Diagnostics

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Message from the Guest Editors

Dear Colleagues,

Recently, saliva has arisen as a biological matrix with huge potential beyond its applications in oral health. It is an incredibly complex biofluid which plays a critical role in normal human physiology and pathology. There has been long-standing interest in saliva for its uses in non-invasive biomarker discovery, human health monitoring, human microbiome analysis, and, more recently, for disease surveillance of the SARS-CoV-2 pandemic. Saliva omics is a field with broad profiling that includes, but is not limited to, proteomics and metabolomics, transcriptomics, extracellular vesicle profiling, miRNAs, salivary microbiomes and meta-proteomics.

This Special Issue plans to offer an overview of recent advances in omics technologies in diverse areas of salivary biomedical research, with special emphasis on proteomics-based biomarker discovery. Since the analysis of proteoforms, as biochemical indicators of health or disease, has a longstanding history in biomedical research, descriptions of Post-Translational Modifications of salivary proteins are also welcome.

Dr. Barbara Manconi
Guest Editor





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Message from the Editor-in-Chief

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