

Special Issue

Mutual Influences Among Oral Pathologies, Glucose Metabolism Abnormalities, and Nutritional Factors

Message from the Guest Editors

The intricate relationship between oral health, systemic metabolic conditions—particularly glucose metabolism abnormalities—and nutritional factors has garnered increasing attention in recent years. Oral diseases, including periodontitis and other inflammatory conditions, are not only influenced by conditions indicative of systemic dysregulation, such as diabetes and insulin resistance but may also act as contributors to their onset and progression through chronic inflammation and microbial imbalances. At the same time, dietary habits and nutritional status can play a dual role, modulating both oral and systemic health outcomes.

This Special Issue aims to explore the multifaceted and bidirectional interactions among oral pathologies, glucose metabolism disorders, and nutritional influences. By bringing together current research and clinical perspectives, we seek to highlight relevant mechanisms, biomarkers, preventive strategies, and therapeutic implications. We welcome contributions that address integrative approaches, longitudinal data, or novel insights into how nutrition may mediate or mitigate the reciprocal impact of oral and metabolic health conditions.

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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