

Special Issue

Vitamin D Metabolism: Implications in Metabolic Health and Disease

Message from the Guest Editors

Vitamin D is a provitamin that has been known to maintain bone mineralization. Recent advancements in research has suggested that vitamin D also exerts a unique role in the immune system and metabolic health, as the expressions of vitamin D receptors are identified in multiple tissues such as adipose tissues, the colon, and the pancreas. This Special Issue aims to solicit original research papers, review articles, and meta-analyses on topics surrounding the role of vitamin D in metabolic health, such as obesity, cardiovascular health, type 2 diabetes, fatty liver, etc., in both preclinical and clinical stages. We welcome topics on nutritional interventions targeting vitamin D metabolism for disease prevention and management, characterization of mechanistic pathways and metabolic/microbiome profiles, and establishment of novel research models for vitamin D-related research. We hope the information generated from this Special Issue will allow us to gain deeper insight into how vitamin D may contribute to the development of metabolic health and thus identify a potential dietary intervention for prevention of metabolic diseases.

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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

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