

Special Issue

Vitamin D Metabolism and Human Health

Message from the Guest Editors

Vitamin D is a key factor in maintaining a healthy status. And vitamin D metabolism involves multiple organs and complex regulatory mechanisms that convert inactive vitamin D into its active form, which is essential for calcium and phosphate homeostasis, immune function, and overall health. Understanding the factors that influence vitamin D metabolism, including sunlight exposure, diet, organ health, and genetic factors, is crucial for maintaining adequate levels of vitamin D and optimizing health. This Special Issue therefore focuses on vitamin D metabolism and human health, the analysis of metabolic perturbations (effect of drugs, nutrients, environment, etc. on metabolism/metabolic pathway), diseases and errors in metabolism, and the development of methodologies for detecting metabolites or changes in the metabolic pathway. We welcome the submission of longitudinal studies, randomized controlled trials, systematic reviews and meta-analyses on vitamin D metabolism and its impact on human health.

Guest Editors

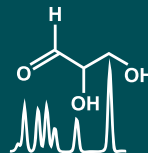
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Deadline for manuscript submissions

closed (30 June 2025)



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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

Dr. Amedeo Lonardo

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