



Nutrition and Metabolism in Human Diseases

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editor

Nutrition and metabolism are critical life-sustaining parts of human health. The nutritional and metabolic status profoundly affects the function and activity of the endocrine and immune systems. Malnutrition and the disruption of metabolic processes widely affect and exacerbate various health problems, including chronic diseases, infectious diseases, and death. On the contrary, interventions with specific nutrients or metabolites are effective in disease prevention and management.

We welcome submissions on research across various diseases, including obesity, diabetes, cardiovascular diseases, fatty liver disease, cancer, neurodegenerative diseases, autoimmune diseases, infectious diseases, and any other diseases related to nutrition and metabolism. The topics that will be covered include but are not limited to studies on the nutritional intervention for disease prevention and management, mechanisms of nutrient- and metabolite-regulated pathological processes, animal models for nutrition and disease, methodologies for the characterization of the metabolic status in disease, and causality between nutritional or metabolic factors and diseases.





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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.

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