Special Issue

Nitrogen Nutrition and Metabolic Aging

Message from the Guest Editor

"Nitrogen Nutrition and Metabolic Aging" has been a hot topic worldwide. Aging is a process associated with multiple-organ function decline and metabolic changes. Altered metabolome in the process of human aging can reveal gerontological markers and uncover underlying mechanisms that enhance susceptibility to aging-related diseases. Leading by protein, nucleic acid, and vitamin B groups, nitrogen composition in food plays a central role in human nutrition. In recent years, with the rapid development of food science and technology and nutrition research, the physiological functions of active food substances containing nitrogen have been gradually revealed. The identification and quantification of active compounds are of great value given that they reveal their functions. The development of omics technology and analytical chemistry has provided us with powerful tools to further understand nitrogen components. We hope to attract good research on nitrogen nutrition from all over the world so that we can have a more comprehensive understanding of their effects on aging.

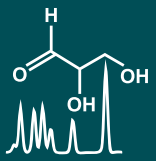
Guest Editor

Dr. Meihong Xu

Department of Nutrition and Food Hygiene, Peking University Health and Science Center, Beijing, China

Deadline for manuscript submissions

closed (30 September 2024)



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Metabolites
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metabolites@mdpi.com

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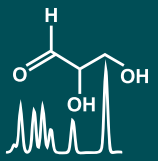

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About the Journal

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
Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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