



Nutrition, Lifestyle, and Diet-Related Non-communicable Diseases Prevention and Treatment

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Message from the Guest Editor

Proper nutrition is necessary to provide substrates and co-factors needed for the hundreds of metabolic pathways within the body, and these pathways play critical roles in key biological processes such as gene expression, cell division, various cell signaling pathways, and others. Many lifestyle factors, such as exercise, smoking, stress levels, etc., are known to influence these biochemical processes and therefore have significant impacts on human health. Because of this, nutrition and lifestyle have been linked to increased mortality and healthcare costs for cardiovascular disease, cancer, obesity, diabetes, stroke, Alzheimer's disease, and many others. For this reason, a better understanding is needed of how diet and lifestyle factors influence our biochemical processes, and how this can be linked to the prevention and/or treatment of disease. This Special Issue is aimed at the most recent advances for how diseases impact nutrient-related biochemical processes, and how these processes can be targeted through nutritional and/or lifestyle interventions to prevent/treat non-communicable diseases such as cancer, heart disease, and neurological disorders.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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