

Special Issue

Metabolic Syndrome and Its Association with Biomarkers

Message from the Guest Editors

Metabolic syndrome is today's top global public health challenge. Metabolic syndrome is a cluster of the greatest risk factors for developing atherosclerotic cardiovascular disease. Although abdominal adiposity and insulin resistance appear to be central to the metabolic syndrome, the pathophysiological mechanisms of metabolic syndrome still remain to be fully elucidated. In order to better understand the pathophysiology as well as to detect metabolic syndrome early, numerous biomarkers have been discovered, some of which are being used in clinical practice.

This special issue of International Journal of Environmental Research and Public Health (IJERPH) focuses on the search for novel biomarkers to diagnose, prediction, progression, and severity of the metabolic syndrome and metabolic syndrome-related disorders, as well as evaluation of the relative contributions of multiple biomarkers to identifying metabolic syndrome. New research papers and brief reports are welcome to this issue.

Guest Editors

Prof. Dr. Sang Yeoup Lee

1. Department of Medical Education, Pusan National University School of Medicine, Yangsan 50612, Republic of Korea
2. Department of Family Medicine, Pusan National University Yangsan Hospital, Yangsan 50612, Republic of Korea
3. Integrated Research Institute for Natural Ingredients and Functional Foods, Yangsan 50612, Republic of Korea

Prof. Dr. Young Hye Cho

1. Department of Family Medicine, Biomedical Research Institute, Pusan National University Yangsan Hospital, 20, Geumo-ro, Mulgeum-eup, Yangsan-si 50612, Republic of Korea
2. Department of Family Medicine, School of Medicine, Pusan National University, Yangsan 50612, Republic of Korea

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

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed 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 journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

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