



## Metabolic Syndrome and Its Association with Biomarkers

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

### 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.

Deadline for manuscript submissions:

**closed (31 March 2023)**



[mdpi.com/si/86817](https://mdpi.com/si/86817)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Paul R. Ward

Centre for Public Health, Equity  
and Human Flourishing, Torrens  
University Australia, Adelaide  
5000, Australia

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Public Health, Environmental and Occupational Health)

## Contact Us

---

*International Journal of  
Environmental Research and Public  
Health* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijerph  
ijerph@mdpi.com  
X@IJERPH\_MDPI