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The Emerging Role of Metabolomics in Epidemiological Studies of Atherosclerosis and Cardiovascular Disease

Guest Editors:

Dr. Hao Peng

Department of Epidemiology,
School of Public Health, Suzhou
Medical College of Soochow
University, Suzhou 215123, China

Prof. Dr. Chenwei Pan

School of Public Health, Medical
College of Soochow University,
Suzhou 215123, China

Dr. Changwei Li

Department of Epidemiology,
School of Public Health and
Tropical Medicine, Tulane
University, New Orleans, LA
70112, USA

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Message from the Guest Editors

This Special Issue aims to extensively highlight current knowledge about newly identified metabolic markers for CVD and vascular disorders, including basic, clinical, epidemiologic and genetic findings. Here, vascular disorders include heart disease (myocardial infarction, angina, heart failure), stroke, and peripheral vascular disease. Multi-omics studies, including genomics, epigenomics, transcriptomics, proteomics, metabolomics, and gut microbiome studies, are particularly welcome.

Potential topics include, but are not limited to, the following:

- Metabolites involved in the pathogenesis of CVD and vascular disorders;
- Novel proteins and related pathways involved in CVD and vascular disorders;
- The identification of lifestyle behaviors and environmental factors that modify the risks of CVD and related disorders;
- Novel findings linking early life experience to the development of CVD and vascular disorders in later life



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Editor-in-Chief

Dr. Amedeo Lonardo

1. Formerly Director of the Simple Operating Unit "Metabolic Syndrome", Azienda Ospedaliero-Universitaria, 41126 Modena, Italy
2. Formerly Professor of Internal Medicine, School of Specialization of Allergology and Clinical Immunology, University of Modena and Reggio Emilia, 41121 Modena, Italy

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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Contact Us

Metabolites Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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