



Metabolic Syndrome: Causes and Effects

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Message from the Guest Editors

Dear Colleagues,

Metabolic syndrome constitutes a group of three to five conditions which increase the risk of cardiovascular diseases. A combination of elevated waist circumference, triglycerides, blood pressure, fasting glucose, and low HDL cholesterol, which constitute the parameters of metabolic syndrome, can alter the metabolism of the entire body.

There is increasing interest around factors that trigger the development of metabolic syndrome, such as dietary intake of specific nutrient combinations, genetic predisposition, or inflammation. In recent years, the incidence of metabolic syndrome has increased worldwide, affecting more and more individuals.

The intention of this Special Issue is to share additional scientific data that could enhance our knowledge of the causes and effects of metabolic syndrome. Additionally, it aims to further clarify the role of metabolic syndrome in specific groups of people/patients and diseases.

We are pleased to invite clinicians and researchers to submit any relevant scientific work on this interesting and promising Special Issue of *Metabolites*.

We look forward to your contributions.





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Editor-in-Chief

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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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