

Special Issue

Metabolomics Biomarker Discovery in Respiratory, Cardiovascular and Metabolic Disorders

Message from the Guest Editor

Research and developments in biomarker discovery are central in modern health care for personalized and precision medicine. This is especially important in very prevalent chronic diseases that involve respiratory, cardiovascular, and endocrine–metabolic disorders. Omics approaches, in contrast, are particularly relevant and useful tools to identify new molecular biomarkers to improve the screening and diagnosis, enable more precise phenotyping (i.e., heterogeneity of clinical presentations) and prognosis, and even suggest new potential therapeutic targets.

This Special Issue of *Metabolites* will be devoted to the development and use of metabolomics approaches at both translational and clinical levels. The specific topics will include metabolomics biomarker discovery in very prevalent disorders targeting the respiratory system, the cardiovascular system, and the endocrine–metabolic framework in a personalized medicine context. Molecular understanding of metabolic pathophysiological contexts in all these disorders will undoubtedly help in their future clinical management.

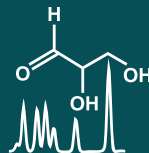
Guest Editor

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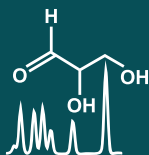


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About the Journal

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.

Editor-in-Chief

Dr. Amedeo Lonardo

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