

## Special Issue

# Environmental Exposure and Its Effects on Cardio-Respiratory and Metabolic Health

### Message from the Guest Editors

Abundant epidemiological, clinical, and laboratory studies indicate that environmental exposure also plays an important role in the occurrence, and development, of cardiovascular disease (CVD). It has been reported that the morbidity and mortality of CVD are attributable to environmental factors every year. Environmental exposure encompasses a broad range of factors, including but not limited to air pollution, toxic chemicals, dietary habits, and lifestyle, which factors. These exposures can disrupt metabolic processes, contributing to CVD onset and progression. The complex and varied mechanisms through which environmental factors cause cardiometabolic dysregulation include inflammation and oxidative stress. However, an incomplete mechanistic understanding of the basis of these associations remains.

This *Metabolites* Special Issue, titled “Environmental Exposure and Its Effects on Cardio-Respiratory and Metabolic Health”, aims to gather current research findings, review emerging trends, and propose novel insights into how environmental factors influence the metabolic pathways linked to cardiovascular health and disease outcomes.

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### Guest Editors

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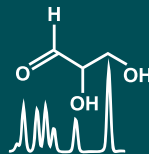
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### Deadline for manuscript submissions

closed (30 November 2025)



## Metabolites

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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.

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### Editor-in-Chief

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