

## Special Issue

# Metabolic Biomarkers and Gut Microbiota in Adults with Prediabetes

### Message from the Guest Editors

The development of prediabetes is associated with changes in the gut microbiota, which in turn, affect metabolism and increase the risk of developing type 2 diabetes. This Special Issue explores the latest research in identifying metabolic biomarkers and their association with gut microbiota in adults with prediabetes. It aims to provide a comprehensive understanding of the complex relationship between metabolic health, gut microbiota, and prediabetes. The scope of this Special Issue includes the identification and validation of biomarkers associated with prediabetes and the gut microbiota, the elucidation of underlying mechanisms, and the development of interventions that target the gut microbiota to improve metabolic health. Overall, this Special Issue will contribute to a better understanding of the role of gut microbiota and metabolic biomarkers in prediabetes. The articles will provide valuable insights for clinicians, researchers, and policymakers in developing effective strategies for the prevention and treatment of prediabetes and type 2 diabetes.

### Guest Editors

Dr. Xuhuiqun Zhang

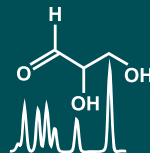
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### Deadline for manuscript submissions

closed (15 January 2024)



## 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

Dr. Amedeo Lonardo

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