

## Special Issue

# Metabolomics of Complex Traits

### Message from the Guest Editor

Metabolites represent both the downstream output of the genome and the upstream input from the environment, and are directly linked to the cellular function and phenotypes. The study of metabolites not only enables the identification of disease biomarkers but also provides unique insights into the fundamental causes of disease. Recent advances in metabolomics technologies results in a growing number of applications in biomedical research of complex traits, and such applications have already identified a number of unexpected chemical causes or metabolic pathways for several important complex diseases including atherosclerosis, diabetes, cancer, and osteoarthritis. In this Special issue, we seek both review articles and original research with a focus on studies of metabolomics in complex diseases and traits, which will provide all readers with an overview of the application of metabolomics in complex disease and summarize the most recent new knowledge and advances in the field.

- Metabolomics (MS-based and NMR-based)
- Targeted and Untargeted Metabolomics
- Biomarker Discovery
- Complex Diseases and Traits
- Pharmacometabolomics
- Precision Medicine

### Guest Editor

Prof. Dr. Guangju Zhai

Faculty of Medicine, Memorial University of Newfoundland, St. John's, NL A1B 3V6, Canada

### Deadline for manuscript submissions

closed (31 March 2019)



## Metabolites

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*Metabolites*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[metabolites@mdpi.com](mailto:metabolites@mdpi.com)

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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

Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q2 (Endocrinology, Diabetes and Metabolism)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.4 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).