



Data Science in Metabolomics

Guest Editor:

Prof. Dr. Seongho Kim

Karmanos Cancer Institute,
School of Medicine, Wayne State
University, Detroit, MI, USA

Deadline for manuscript
submissions:

closed (8 December 2021)

Message from the Guest Editor

Dear Colleagues,

Metabolomics produces extensive amounts of data and depends excessively on data science for inferring biological meaning. Data science is an interdisciplinary and applied field that uses techniques and theories drawn from statistics, mathematics, computer science, and information science. It enables extracting meaningful and practical insights from large-scale metabolomics data. This Special Issues is devoted to methodologies, software, tools, reviews, and case studies of data science applied to metabolomics data. Topics to be included will be, but are not limited to, data preprocessing of metabolomics data, data visualization, metabolite structure identification, compound identification, data integration, and pathway-based metabolic data analysis.

Dr. Seongho Kim
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Amedeo Lonardo

1. Formerly Director of the Simple Operating Unit "Metabolic Syndrome", Azienda Ospedaliero-Universitaria, 41126 Modena, Italy
2. Formerly Professor of Internal Medicine, School of Specialization of Allergology and Clinical Immunology, University of Modena and Reggio Emilia, 41121 Modena, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Biochemistry and Molecular Biology*) / CiteScore - Q2 (*Endocrinology, Diabetes and Metabolism*)

Contact Us

Metabolites Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/metabolites
metabolites@mdpi.com
[X@MetabolitesMDPI](https://twitter.com/MetabolitesMDPI)