

Special Issue

Data Science in Metabolomics

Message from the Guest Editor

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 Issue 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.

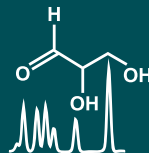
Guest Editor

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Deadline for manuscript submissions

closed (8 December 2021)



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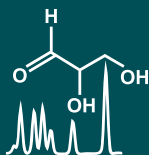


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About the Journal

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

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