Special Issue

Lipidomics Volume 2

Message from the Guest Editor

Lipidomics, the comprehensive analysis of the lipid composition in a cell or tissue, has been driven by advances in analytical capabilities. Contemporary instrumentation demonstrates ever-increasing sensitivity and resolution necessary for analysis of lipids in complex biological samples. Nevertheless, techniques complementary to mass spectrometry are highly valuable and have a role to play in lipid analysis. Furthermore, the ever-increasing complexity of data generated during lipidome analysis has required the development of novel tools for data analysis and feature mining in such datasets. This Special Issue of *Metabolites* will be dedicated to the development of novel methods to characterize lipid structure, high-throughput lipidomics, characterization of lipid-protein interactions, clinical applications of lipidomics, and bioinformatic tools for analyzing large lipidomic datasets.

Keywords:

- lipidomics
- lipid metabolism
- lipid profiling
- global profiling of lipids
- metabolic phenotype

Guest Editor

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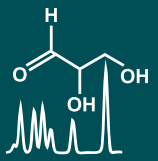

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Message from the Editor-in-Chief

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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