Special Issue

New Technology and Workflows for Advancing Metabolomics

Message from the Guest Editor

This Special Issue of *Metabolites* welcomes the submission of original research articles or review papers that focus on the advancement of technology and/or workflows involving metabolomics. Mass spectrometry and NMR have long been associated with metabolomic profiling, providing a means of identifying and quantifying metabolites. As technologies evolve, they allow researchers to delve deeper into the metabolome, helping to provide insights that advance our understanding of metabolic disease, patient stratification and the development of therapeutics. The enhancement of analytical technologies provides a wealth of data, which also requires more sophisticated informatics to deconvolve and identify metabolites of interest. Combining these analytical approaches, whether discovery or targeted, with complex informatics workflows enables the review and interrogation of data whilst providing answers to complex biological questions. This Special Issue aims to highlight the latest generation of analytical technologies (mass spectrometry and NMR for example), as well as present informatic-based workflows for discovery (untargeted) and targeted metabolomics.

Guest Editor

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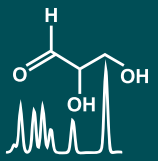

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About the Journal

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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