Special Issue

Integration of Emerging Technologies in Metabolite Analysis, 2nd Edition

Message from the Guest Editor

In recent years, the field of metabolomics has witnessed rapid developments driven by the integration of novel technologies. This Special Issue aims to explore the application of emerging technologies in metabolite analysis, highlighting their potential to revolutionize our understanding of metabolic processes and their implications for human health and disease. The contributions to this Special Issue include a diverse array of methodologies and approaches, from mass spectrometry to nuclear magnetic resonance spectroscopy with chromatographic techniques. These techniques offer improved sensitivity, resolution, and throughput, enabling comprehensive profiling of metabolites in complex biological systems. In conclusion, this Special Issue provides a comprehensive overview of the latest advancements in metabolite analysis, highlighting the transformative impact of emerging technologies on the field of metabolomics. Through collaborative efforts and interdisciplinary approaches, researchers can apply these innovations to address fundamental questions in biology and medicine, ultimately improving human health and well-being.

Guest Editor

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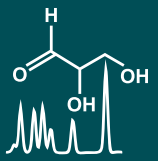

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About the Journal

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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