Special Issue

Arsenolipid Metabolomics: Analytical Advances and Biological Implications

Message from the Guest Editor

Arsenolipids represent an emerging class of environmental and biological metabolites that are detected across marine organisms and human samples. This Special Issue focuses on advancing arsenolipid research by exploring their occurrence, metabolism, and biological significance in environmental and human systems. Emphasizing innovative analytical, exposomic, and systems biology approaches, it aims to deepen the understanding of arsenolipid detection, transformation, and function. By integrating insights from analytical chemistry, environmental science, and metabolism, this Special Issue seeks to define the next generation of approaches for identifying, quantifying, and interpreting arsenolipid species in complex biological and environmental matrices.

Guest Editor

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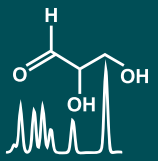

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About the Journal

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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