

Special Issue

Lipid Metabolism Dysregulation in Metabolic Disorders: Unraveling the Molecular Complexity

Message from the Guest Editor

Lipid metabolism and homeostasis are critical for the proper functioning of multiple organ systems, particularly for the cardiovascular and nervous systems. Disorders of lipid metabolism may begin early in life or manifest in older people, and the consequences can be devastating. Dysregulated lipid production, processing, and storage can result from specific genetic mutations or complex multifactorial processes and may also be environmentally influenced. This Special Issue accepts submissions on a wide range of topics related to lipid abnormalities spanning organ systems, life stage, and etiology. Articles focused on dyslipidemia, obesity, diabetes, atherosclerosis, and the effects of chronic inflammation on the heart and brain are welcome, as are those covering dysfunction of hepatic lipid metabolism. Papers that focus on mechanistic aspects, molecular pathways, and innovative therapies are of particular interest. Both review articles and original research will be considered.

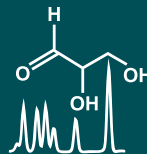
Guest Editor

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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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Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q2 (Endocrinology, Diabetes and Metabolism)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2024).