

Special Issue

Bioactive Lipids and Metabolic Disease

Message from the Guest Editors

The complex link between metabolic disorders and lipid metabolism necessitates a deeper understanding of how to regulate our bodies for optimal health through nutritional science. This Special Issue emphasizes the most recent research on bioactive lipids, their regulatory functions in metabolic pathways and potential applications in therapy, along with their intersection with nutritional science to enhance health outcomes. By assembling this pioneering repository of knowledge, our objective is to connect the dots between lipid biochemistry, metabolic disease research, clinical applications and nutritional insights. We are particularly interested in submissions of original research articles and comprehensive reviews that explore the mechanisms through which bioactive lipids influence metabolic diseases. This includes their identification, functional analysis, interactions with dietary components and consequent effects on health outcomes. Studies elucidating the molecular pathways mediated by bioactive lipids, their contribution to disease prevention and management, and the innovation of lipid-based therapeutics, with an eye toward nutritional interventions, are highly encouraged.

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About the Journal

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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