



Lipid and Lipoprotein Metabolism Volume 2

Guest Editor:

Dr. Robert J. Brown

Department of Biochemistry,
Memorial University of
Newfoundland, St. John's,
Canada

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Message from the Guest Editor

Dear Colleagues,

This is the second Special Issue devoted to examining lipid and lipoprotein metabolism. Several classes of lipid exist, which can function as integral components of cell membranes, supply energy to cells via oxidation, and act as mediators of cell signalling and gene expression. These lipids may be derived from diet or de novo synthesis. Many of these lipids may be carried through the bloodstream within lipoproteins, which themselves can be metabolized to supply cells and tissues with lipid metabolites for immediate use or for storage. Tissue lipids may be further metabolized into other unique metabolites, depending on the tissue and cell type; these metabolites can elicit specific functions under normal and pathological conditions.

This second Special Issue on lipid and lipoprotein metabolism welcomes original research as well as methodologies toward the identification and characterization of novel metabolites. Thorough narrative reviews will also be considered.

Dr. Robert J. Brown
Guest Editor





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Editor-in-Chief

Dr. Amedeo Lonardo

1. Formerly Director of the Simple Operating Unit "Metabolic Syndrome", Azienda Ospedaliero-Universitaria, 41126 Modena, Italy
2. Formerly Professor of Internal Medicine, School of Specialization of Allergy and Clinical Immunology, University of Modena and Reggio Emilia, 41121 Modena, Italy

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.

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Contact Us

Metabolites Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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metabolites@mdpi.com
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