Special Issue

Lipid and Lipoprotein Metabolism

Message from the Guest Editor

Various classes of lipids function as integral components of cell membranes, can supply energy to cells via oxidation, and can act as mediators of cell signalling and gene expression. Dietary lipids and lipids synthesized de novo can be carried through the circulation by lipoproteins. Lipoprotein lipids can be metabolized to supply cells and tissues with lipid metabolites for immediate use or for storage within lipid droplets. Lipoprotein lipid metabolites, and de novo lipids, can be further processed into other unique metabolites depending on tissue and cell type; these include but are not limited to oxylipins, complex glycerolipids, hydroxysterols, and waxes - all of which can elicit specific functions under normal and pathological conditions. This Special Issue is devoted to examining lipid and lipoprotein metabolism, the functions of their metabolites in different organisms (using tissue culture and in vivo models), as well as the identification and characterization of novel metabolites.

Participants from the CLC & CSATVB will receive a 15% discount if submitted to our special issue.

Guest Editor

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Deadline for manuscript submissions

closed (15 February 2021)

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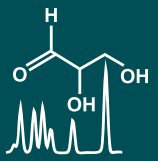

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About the Journal

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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