



The Role of Lipoproteins and Cell Membrane Lipids in Disease

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Message from the Guest Editor

Lipoproteins are complex particles that have a central hydrophobic core of non-polar lipids, primarily cholesterol esters and triglycerides, which is surrounded by a hydrophilic membrane consisting of phospholipids, free cholesterol, and apolipoproteins. Disorders of lipoproteins often lead to disease in humans. The sequelae of long-term dyslipoproteinemia often lead to atherosclerotic vascular disease in all arterial beds. The plasma elevation of low-density lipoprotein cholesterol, very low-density lipoproteins and lipoprotein(a), and reduced levels of high-density lipoprotein cholesterol are risk factors for coronary artery disease. Severe elevations of plasma triglycerides may lead to acute pancreatitis.

This Special Issue aims to promote studies focused on lipoproteins and cell membrane lipids (e.g., small dense low-density lipoprotein, lipoprotein(a)) and disease, including reviews and experimental studies.





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Message from the Editor-in-Chief

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