Special Issue

The Role of Lipoproteins and Cell Membrane Lipids in Disease

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.

Guest Editor

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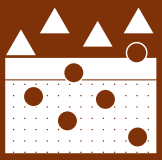

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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open accessjournal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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