

Special Issue

Lipid Metabolism in Human Health and Diseases

Message from the Guest Editor

Lipids are organic compounds insoluble in water and soluble in organic solvents. They are the energy reserves of animals and accomplish different roles, ranging from maintaining body temperature, being the key constituents of cell membranes, and serving as chemical messengers, thus reflecting functions in the cell membranes, within the cytoplasm, and extracellularly. Balancing lipid levels in the blood is an important part of staying healthy. In recent years, with the increasing interest in lipid metabolism, more and more studies have shown that abnormal lipid metabolism is closely related to the occurrence and development of various human diseases, including cancer, cardiovascular, nervous system, and endocrine system diseases. Therefore, understanding how impairment in lipid metabolism can promote the development of such non-communicable diseases will offer a theoretical basis for their treatment and prevention and provide a new approach for the targeted treatments. This Special Issue will focus on lipid metabolism in various human diseases, including cardiovascular diseases, neurodegenerative diseases, endocrine system diseases, cancer, and other diseases.

Guest Editor

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