



The Lipid Metabolism in Health and Diseases

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submissions:

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Message from the Guest Editors

Lipids play essential roles in the organization and function of cells, contribute to the structural integrity of cellular membranes, mediate signal transduction, and regulate energy metabolism. The dysregulation of lipid metabolism plays a major role in the etiology and evolution of inflammatory disorders, cardiometabolic and neurological diseases, and several forms of cancer. Technical advances, including functional genomics, metabolomics, lipidomics, and lipid–protein interaction maps, have uncovered new ways to control molecular mechanisms mediating lipid function. The discovery of genetic and epigenetic factors in health and disease, either linked to DNA modifications or non-coding RNAs, has opened new research opportunities to decipher the mechanisms to control lipid metabolism and to forward the management of various diseases.

The purpose of this Special Issue is to promote papers focused on the newly deciphered mechanisms of lipid metabolism and their alterations in various diseases. Therefore, we invite investigators to contribute with high-quality, original research and review articles addressing the purpose of this Special Issue.





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Message from the Editor-in-Chief

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