



The Lipid Metabolism in Health and Diseases

Guest Editors:

Dr. Anca Sima

Dr. Loredan Stefan Niculescu

Dr. Camelia Sorina Stancu

Prof. Dr. Maria I. Dorobantu

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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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Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
Learning, Spaulding
Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

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Biomedicines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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