

Special Issue

Lipid Metabolism in Pathology and Health

Message from the Guest Editor

Lipids are a diverse and important class of biomolecules essential for life by providing building blocks for cellular membranes, energy when their fatty acid components are burned and signaling molecules in diverse processes such as cell proliferation, apoptosis, metabolism, migration and inflammation. Maintaining integrity and fluidity of cellular membranes, ensuring function of membrane proteins, generating neutral lipids for storage or shuttling fatty acids into mitochondria and peroxisomes for beta oxidation are some of the fundamental constituents of the process called lipid homeostasis.

Several diseases, such as non-alcoholic fatty liver disease, cardiovascular disease, and cancer, have been associated with changes in lipid metabolism and lipid homeostasis. The scope of this special issue is to report recent findings on the role of lipid metabolism in pathology and health.

Guest Editor

Prof. Dr. Ruth Birner-Grünberger

Institute of Chemical Technologies and Analytics, Technische Universität Wien, Vienna, Austria

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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