

Special Issue

Bioactive Lipids and Their Derivatives in Biomedical Applications

Message from the Guest Editor

Lipids and their derivatives are related to cell metabolism—energy stores—and cell protection, constituting biological membranes. This class of biological molecules is currently in the spotlight for either physiological or pathophysiological reasons due to their broad action in triggering different cell signaling pathways through the activation of specific membrane or intracellular receptors, or simply by changing membrane physical chemistry upon their occurrence.

The aim of this Special Issue is to collect reports regarding all the recent approaches directed at the use of bioactive lipids, including glycerolipids, sphingolipids, fatty acids, prostaglandins, leukotrienes, endocannabinoids, and all the possible bioactive lipids for medicinal chemistry, pharmacology, molecular biology, lipidomics, drug development, and drug delivery studies. Other possibilities will be evaluated by the Editorial Board. We will consider the following formats: original research, reviews, opinion papers, or short communications.

Guest Editor

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Message from the Editor-in-Chief

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.

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