

Special Issue

Sphingolipid Metabolism and Signaling in Diseases 3.0

Message from the Guest Editor

It is now well known that sphingolipids are not only ubiquitous components of cell membranes but also have emerged as bioactive molecules involved in the control of cell fate. Sphingolipids have been shown to be involved in signal transduction and, consequently, in the regulation of a huge number of physiological and pathophysiological processes. The control of sphingolipid levels can be achieved through the regulation of specific enzymes of their metabolism as well as of the specific transporters or receptors involved in their transport within or outside the cells. The exact molecular mechanisms mediated by sphingolipids to modulate the cellular effects are still not completely understood, and new knowledge on the metabolism and signaling of sphingolipids will help in further understanding the role of sphingolipids in a variety of physiopathological conditions.

For this Special Issue, we welcome your contributions in the form of original research and review articles on all aspects of sphingolipids and their role in physiological and pathophysiological metabolic processes.

Guest Editor

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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.

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