

## Special Issue

# Sphingolipid Metabolism and Signaling: Role in Health and Diseases

### Message from the Guest Editor

Sphingolipids are ubiquitous components of cell membranes as well as bioactive molecules involved in the control of cell fate in physiological and pathophysiological processes. Sphingolipid metabolism and signaling are crucial for the maintenance of physiological conditions. The dysregulation of sphingolipid metabolism, leading to altered sphingolipid patterns, is associated with different pathological conditions. Sphingolipid levels are regulated via the modulation of the metabolism of specific enzymes as well as that of the specific receptors or transporters involved in their transport within or outside cells; however, the exact molecular mechanisms mediated by sphingolipids with which to modulate cell homeostasis are still not completely understood. New knowledge on the metabolism and signaling of sphingolipids will help in finding therapeutic solutions in a variety of human diseases. For this Special Issue, we welcome your contributions in the form of original research and review articles on all aspects of sphingolipids and their roles in physiological and pathophysiological processes.

### Guest Editor

Dr. Paola Giussani

Department of Medical Biotechnology and Translational Medicine,  
Università degli Studi di Milano, LITA Segrate, Via Fratelli Cervi, 93,  
20090 Segrate, Italy

### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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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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### 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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