



Roles of Glycosphingolipids in Metabolism

Guest Editor:

Prof. Dr. Kazunori Hamamura

Department of Pharmacology,
School of Dentistry, Aichi Gakuin
University, 1-100 Kusumoto-cho,
Chikusa-ku, Nagoya 464-8650,
Japan

Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editor

Dear Colleagues,

Glycosphingolipids are essential in maintenance of the integrity of nervous tissues and homeostasis of organisms. Furthermore, glycosphingolipids play important roles in malignant properties in cancer cells. As one of the mechanisms, localization of glycosphingolipids in lipid rafts regulates interaction of membrane molecules to control cellular signaling.

Recently, it has been reported that glycosphingolipids regulate bone metabolism and endocrine metabolism. However, the involvement of glycosphingolipids in metabolism is not well understood. The special issue “Roles of Glycosphingolipids in Metabolism” will cover research topics and current review articles in this field.

Dr. Kazunori Hamamura
Guest Editor





an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI