



Transcriptional Regulation in Lipid Metabolism

Guest Editors:

Dr. Yoshimi Nakagawa

International Insitute for
Interative Sleep Medicine (WPI-
IIS), Univerity of Tsukuba, 1-1-1
Tennodai, Tsukuba, Ibaraki 305-
85875, Japan

Prof. Hitoshi Shimano

Department of Internal Medicine
(Endocrinology and Metabolism),
Faculty of Medicine, University of
Tsukuba, 1-1-1 Tennodai,
Tsukuba, Ibaraki 305–8575,
Japan; International Institute for
Integrative Sleep Medicine (WPI-
IIS), University of Tsukuba, 1-1-1
Tennodai, Tsukuba, Ibaraki 305–
8575, Japan

Deadline for manuscript
submissions:

closed (30 September 2018)

Message from the Guest Editors

Dear Colleagues,

The abnormality of lipid metabolism deteriorates to hyperlipidemia, obesity, diabetes, nonalcoholic fatty liver (NAFLD), eventually coronary artery disease, and develops a life crisis. Thus, its elucidation is important for the improvement of lifestyle diseases. Dysregulation in lipid metabolism is caused by the accumulation of abnormalities at long-term gene expression levels. Therefore, an understanding at the transcriptional level is necessary. In this review, we would like to talk about the molecular mechanism of lipid metabolism regulation from crosstalk between transcription factors controlling gene expression involved in lipid metabolism. Among new findings in the regulation of gene expression related to lipid metabolism, we need to think about ways to treat lifestyle diseases in the future.

Dr. Yoshimi Nakagawa

Prof. Dr. Hitoshi Shimano

Guest Editors





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