

Special Issue

PPARs in Cellular and Whole Body Energy Metabolism

Message from the Guest Editors

All three peroxisome proliferator-activated receptor (PPAR) isotypes α , β/δ and γ function as sensors for fatty acids and fatty acid derivatives, and control important metabolic pathways regulating cellular and whole body energy homeostasis. These ligand-dependent transcription factors, which belong to the nuclear receptor superfamily of transcription factors, have been targeted to fight metabolic diseases based on their metabolic regulatory activities in various tissues, in part depending on ligand selectivity. This Special Issue of IJMS will cover the singular and intricate regulatory roles of all three PPAR isotypes in the ensemble of processes that are associated with metabolism in the healthy and diseased organism.

Guest Editors

Prof. Dr. Walter Wahli

1. Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore 308232, Singapore
2. Center for Integrative Genomics, University of Lausanne, CH-1015 Lausanne, Switzerland

Ms. Rachel Tee

Lee Kong Chian School of Medicine, Nanyang Technological University, Clinical Sciences Building, 11 Mandalay Road, Singapore 308232, Singapore

Deadline for manuscript submissions

closed (31 August 2018)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/10871

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

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.

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

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 (Organic Chemistry)