



Remodeling of Mitochondria in Cancer and Other Diseases 2.0

Guest Editor:

Dr. Yong Teng

Department of Hematology and
Medical Oncology, Winship
Cancer Institute, Emory
University School of Medicine,
Atlanta, GA 30322, USA

Deadline for manuscript
submissions:

closed (15 January 2023)

Message from the Guest Editor

Mitochondria are highly dynamic and responsive organelles that are capable of undergoing fission and fusion and are the hub for diverse signal processors, which are fundamental to cellular homeostasis, energy production, metabolism, survival, and death. Mitochondrial remodeling, including rearranging, recycling, and reprogramming, is essential for mitochondrial quality control, structural integrity, and functional interaction with other cellular organelles. Although we are still far from fully understanding the complexity of mitochondrial remodeling in its physiological and pathophysiological significance, this process has been, nonetheless, implicated in the pathogenesis of many human disorders, including cancer and aging-related diseases. This Special Issue aims to increase our understanding of the role, regulation, and impact of mitochondrial remodeling in disease-specific pathology and possibly translate these findings into therapeutics, from basic research to the clinic.





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