



Molecular Research of Glycolysis, 2nd Edition

Guest Editors:

Dr. Yu-Chan Chang

Department of Biomedicine
Imaging and Radiological
Science, National Yang Ming
Chiao Tung University, Taipei
112, Taiwan

Prof. Dr. Cheorl-Ho Kim

1. Department of Biological
Sciences, College of Science,
Sungkyunkwan University,
Seoburo 2066, Suwon 16419,
Republic of Korea
2. Samsung Advanced Institute of
Health Science and Technology
(SAIHST), Sungkyunkwan
University, Seoul 06351, Republic
of Korea

Deadline for manuscript
submissions:

closed (20 June 2024)

Message from the Guest Editors

Dear Colleagues,

Monosaccharide (glucose) is considered the basic unit and main nutrient resource for maintaining human physiological functions and metabolism. For glucose uptake in the human body, glycolysis will cause a cascade of catalysis and transformations. Metabolic reprogramming and related enzyme activity abnormalities are regarded as the key factors related to chronic diseases, inflammation, and even carcinogenesis. In addition to typical metabolic functions, glycolytic enzymes have also discovered their genetic alterations, signal transduction, protein interactions, and prognostic value.

We encourage the publication of original research articles and comments that cover all aspects of glycolytic enzymes.

Contributions to this Special Issue will provide new insights into the mechanisms and functions of glycolytic genes, deepen our understanding of their biological role in health and disease, and reveal novel aspects of therapeutic opportunities.





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