



Molecular Therapy Targeting Cancer Specific Signal Pathways

Guest Editors:

Dr. Kyung Keun Kim

Department of Pharmacology,
Chonnam National University
Medical School, Gwangju 61469,
Republic of Korea

Dr. Hyungho Ha

Laboratory of Medicinal
chemistry, College of Pharmacy,
Suncheon National University, 255
Jungangro, Suncheon, Junnam
57922, Korea

Prof. Dr. Hangun Kim

Laboratory of Pathophysiology,
College of Pharmacy, Suncheon
National University, 255 Jungang-
ro, Suncheon, Jeonnam 57922,
Republic of Korea

Deadline for manuscript
submissions:

closed (30 December 2021)

Message from the Guest Editors

This special issue covers all areas of molecular cancer therapeutics developing with pharmacological purpose against cancer development, growth, progression, metastasis, and therapy resistance but specializes in several areas: therapeutics in the form of small molecule, gene, peptide, protein, which target cancer specific signal pathways. As targeting pathways, the conventional/unconventional/novel signal pathways in certain types of cancer cell or in the components of tumor microenvironment including blood vessels, immune cells, fibroblasts, signaling molecules and extracellular matrix are among good considerations. Also, identification of enhanced efficacy with combinational treatment, associated biology related to tumor microenvironment modulation, medicinal chemistry with altered bioactivity via modification or derivatizaion, therapeutic repositioning, molecular imaging of therapeutic effects are also to be covered. We sincerely welcome studies on the elucidation of advanced mechanisms of action for existing molecular therapy, or establishment of new methodology for evaluation of above fields, or promoting the translation of preclinical research to a clinical application.





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