



State-of-the-Art Molecular Oncology in Israel

Guest Editors:

Prof. Dr. Rachel Bar-Shavit

Sharett Institute of Oncology,
Hadassah-Hebrew University
Medical Center, POB 12000,
Jerusalem 91120, Israel

Dr. Aviad Zick

Sharett Institute of Oncology,
Hadassah-Hebrew University
Medical Center, POB 12000,
Jerusalem 91120, Israel

Deadline for manuscript
submissions:

closed (31 October 2022)

Message from the Guest Editors

DNA characterization as part of the oncological clinical care and research today is one of the leading aspects in the Oncologist research. Available capabilities in the tool-box utilize a panel of sequencing applications among of which are massive parallel -, whole exome - and whole genome sequencing. These are routinely applied now on clinical samples including plasma and formalin fixed paraffin embedded tissue. In parallel, enhanced know-hows in bioinformatics serve to better extract the pertinent data for a research question.

Although genomic, transcriptomic and immunohistochemical analyses of tumor tissues have immensely contributed to early-detection diagnostic and provide a wealth of information, understanding the molecular mechanism of cancer stem cells is in the frontline. Translational means to eradicate cancer stem cells are highly warranted and the focus of current efforts in Oncology.





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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI