



Recent Advances in Immuno-Oncology and Intercellular Communication

Guest Editors:

Dr. Marina Gomzikova

Institute of Fundamental
Medicine and Biology, Kazan
(Volga Region) Federal University,
420008 Kazan, Russia

Prof. Dr. Hans-Uwe Simon

Laboratory of Molecular
Immunology, Institute of
Fundamental Medicine and
Biology, Kazan Federal
University, 420008 Kazan, Russia

Prof. Dr. Albert Rizvanov

Institute of Fundamental
Medicine and Biology,
Department of Genetics, Kazan
Federal University, Kazan, Russia

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editors

For this Special Issue of the *International Journal of Molecular Sciences*, we invite you to contribute either an original research article or a review article on any aspect of the subject of “Recent Advances in Immuno-Oncology and Intercellular Communication”. Understanding the basic mechanisms of tumorigenesis, role of the immune system, and intercellular communication in cancer is pivotal for the development of novel therapeutics.

Potential topics include but are not limited to:

- Key biological processes such as cell metabolism and signaling pathways;
- Molecular mechanisms underlying cancer progression;
- Crosstalk between tumor and immune cells;
- Cancer biomarkers: screening, diagnosis, treatment response, prognosis;
- Cancer cell invasion and metastasis;
- Intercellular communication in the tumor microenvironment;
- Communication between adjacent cells through tunneling nanotubes (TNT), extracellular vesicles or soluble factors;
- Advances in cancer immunotherapy;
- Translational cancer research;
- EVs as a therapeutic tool.





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