

Special Issue

Molecular Research on Non-small Cell Lung Cancer (NSCLC) Therapy

Message from the Guest Editor

Lung cancer is the leading cause of cancer-related deaths worldwide. Non-small cell lung cancer (NSCLC) represents for ~85% of all lung cancer cases. Treatment choices for NSCLC include surgery, chemotherapy, radiation therapy, targeted therapy, and immunotherapy. However, therapy resistance is still a major clinical problem, leading to poor prognosis of patients with NSCLC. Therapy resistance is linked to both intrinsic (cancer stem cells, polyploid / multinucleated giant cancer cells, mutational status, epithelial-mesenchymal transition (EMT) process) and extrinsic (hypoxia, tumor microenvironment, immune response) mechanisms in which cancer cell accumulate genetic and molecular changes allowing them to survive treatment conditions and repopulate. This Special Issue focuses on "Molecular Research on Non-small Cell Lung Cancer (NSCLC) Therapy". Review manuscripts as well as original studies demonstrating novel therapeutic targets of NSCLC as well as the new approaches for overcoming NSCLC therapy resistance will be considered for publication.

Guest Editor

Dr. Margarita Pustovalova

Moscow Institute of Physics and Technology, 9 Institutskiy per., Dolgoprudny, 141700 Moscow, Russia

Deadline for manuscript submissions

closed (25 February 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/156142

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)