





an Open Access Journal by MDPI

Novel Molecular Mechanisms Underlying Tumorigenesis and Innovative Therapeutic Approaches for Cancer-Fighting, 3rd Edition

Guest Editors:

Dr. Annapina Russo

Department of Pharmacy, University of Naples "Federico II", 80131 Naples, Italy

Dr. Giulia Russo

Dipartimento di Farmacia, Università degli Studi di Napoli Federico II, Naples, Italy

Deadline for manuscript submissions:

31 October 2024

Message from the Guest Editors

Dear Colleagues,

Oncological research has focused on finding innovative therapies that increase the specificity of the treatment and reduce their drawbacks. New therapeutic approaches for cancer treatment, currently under evaluation in many clinical trials worldwide, include but are not limited to molecules targeting the nucleolus, natural antioxidants and phytochemicals in combination with common chemotherapeutic drugs, expression of genes triggering apoptosis, tumor suppressors, targeted silencing mediated by siRNAs, and the nanodelivery of chemotherapeutics. The combination of new and conventional approaches allows oncologists to select the best and most personalized therapy for cancer treatment.

This Special Issue, led by Dr. Giulia Russo and Dr. Annapina Russo with the assistance of our Topical Advisory Panel Members and the GE's assistant editor Dr. Annalisa Pecoraro (Department of Pharmacy, University of Naples Federico II, 80131 Napoli, Italy), will document studies on the molecular mechanism underlying tumorigenesis and on innovative strategies for cancer treatment.

Dr. Annapina Russo Dr. Giulia Russo Dr. Annapina Russo *Guest Editors Team*



Specialsue









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