



Cancer Biology: From Genetic Aspects to Treatment

Guest Editor:

Prof. Dr. Silvia Cantara

Department of Medical, Surgical
and Neurological Sciences,
University of Siena, 53100 Siena,
Italy

Deadline for manuscript
submissions:

closed (20 May 2025)

Message from the Guest Editor

Dear Colleagues,

Cancer is a complex disease characterized by the uncontrolled proliferation and dissemination of aberrant cells throughout the human body. This pathological condition stems from alterations in the fundamental genetic code encoded within our DNA. Predominantly, these alterations manifest within specific DNA segments referred to as genes.

The expanding frontiers of scientific knowledge have propelled molecular biology to play a pivotal role within contemporary oncological research. This prominence arises from its capacity to unveil mechanisms underpinning cellular growth and differentiation, novel diagnostic indicators, and therapeutic focal points. Thus, molecular biology has emerged as the fulcrum of progressive advancements in the field of oncology, offering possibilities for the development of efficacious therapeutic interventions.

We cordially invite you to submit your papers to this Special Issue.

Dr. Silvia Cantara
Guest Editor





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, CAPus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic 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