





an Open Access Journal by MDPI

Molecular Advances in Cancer Genetics 2.0

Guest Editors:

Prof. Dr. Paola Ghiorzo

Genetics of Rare Cancers, Department of Internal Medicine and Medical Specialties, University of Genoa, 16132 Genoa, Italy

Dr. William Bruno

Genetics of Rare Cancers, Department of Internal Medicine and Medical Specialties, University of Genoa, 16132 Genova, Italy

Deadline for manuscript submissions:

closed (31 October 2022)

Message from the Guest Editors

Dear Colleagues,

In this second version of the Special Issue, we welcome reviews, original research articles, and short communications that focus on or are relevant to the evolution of methodological approaches to the study of cancer genetics and genomics, the molecular bases of cancer, hereditary cancer syndromes, tumor mutational assessment and interpretation of genomic variants, or potential therapeutic implications of hereditary predisposition.

Keywords

- cancer genetics
- molecular mechanisms
- genetics of hereditary and rare cancers
- evolution of methodological approaches to the study of cancer genetics and genomics
- variant interpretation
- actionability of genomic findings in cancer
- somatic mutation testing













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