

Special Issue

Molecular Mechanism of Cancer Research and Therapies

Message from the Guest Editor

In this special issue, we first aim to provide an overview of the multistate disease process on which a string of state-specific molecule features are superimposed to elucidate the mechanism of cancer research targeting at different stages, embracing occurrence, progression, and progression of cancer. Following the synthesis science of combining a series of studies on molecular profiles associated with each stage of cancer development from literatures, the special issue further plan to propose precision preventive and therapeutic care paradigm in comparison with the conventional evidence-based one. Evaluation of this precision care model is also demonstrated by first using artificial intelligence with the machine learning methods and then the digital twin approach. The contexts of cancer include, to a greater extent, five major sites of cancers (including breast, colon & rectum, cervix, lung, and liver) and, to a lesser extent, other sites such as oral cavity. Data on molecular mechanisms or pathophysiology are essential, and papers that only contain clinical trials/data are not acceptable.

Guest Editor

Prof. Dr. Tony Hsiu-Hsi Chen

Institute of Epidemiology and Preventive Medicine, National Taiwan University, Room 533, No. 17 Xu-Zhou Rd., Taipei 100, Taiwan

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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

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