

Special Issue

Fifty Years of Targeted Therapy in Cancer: Past, Present and Future

Message from the Guest Editor

Targeted therapy is a type of cancer treatment that targets specific molecules or proteins within cancer cells that are involved in the growth and spread of the tumor. These therapies are designed to inhibit the growth and spread of cancer cells while minimizing harm to normal cells. Examples of targeted therapies include monoclonal antibodies, small molecule inhibitors, and kinase inhibitors. These therapies are often used in combination with other treatments such as chemotherapy, radiation therapy, and surgery.

This Research Topic will provide an academic platform to discuss how different candidate therapeutic drugs can be used against deregulated regulatory pathways in TME. We invite authors to contribute original research and review articles testing the mechanism of action of natural and chemically synthesized bioactive products on various cancer types through the regulation of different molecular pathways (including suppression and overcoming resistance).

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Deadline for manuscript submissions

closed (31 May 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/160011

*International Journal of
Molecular Sciences*
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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.

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