

## Special Issue

# New Trends in Cancer Immunotherapy

### Message from the Guest Editor

Cancer is the second-leading cause of mortality globally. Cancer immunotherapy is a cutting-edge approach, which utilizes the immune system to identify and eradicate cancer cells. Nowadays, some of the most promising ways to treat cancer include therapeutic cancer vaccines, immune checkpoint inhibitors (like CTLA-4 and PD-1), bi-specific T-cell engagers (BiTEs), and adoptive cell therapies (ACTs). The stimulation of the T-cell-based immune response against tumor antigens by either endogenous or modified T cells is the common ground for all the scientific advances described above. Cancer immunotherapies are effective due to the interactions between the innate immune system, namely antigen-presenting and effector cells (T- and NK cells). Current methods that utilize these cells are under development.

Our goal in publishing this Special Issue "New Trends in Cancer Immunotherapy" is to further enhance the scientific interest in cancer immunotherapies, helping us to understand their mode of action, advantages, and limitations. This will promote the development of novel strategies for optimal clinical efficacy.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2025)



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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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