

## Special Issue

# Advances in Cellular and Molecular Mechanisms in Immuno-Oncology and Onco-Hematology

### Message from the Guest Editor

Research on immune checkpoint inhibitors, such as PD-1/PD-L1 and CTLA-4 blockers, is expanding, revealing new combinations and biomarkers for enhanced efficacy. Understanding the mechanisms of tumor immune evasion is crucial, with studies focusing on the tumor microenvironment and immune escape pathways. Additionally, novel targeted therapies, including CAR T cell therapy—which reprograms immune cells to target cancer cells—are being developed to address specific altered molecular pathways in hematologic malignancies, offering more personalized and effective treatment options. These innovations are driving significant progress in cancer therapy. We invite you to contribute your research and reviews to this Special Issue, which will serve as a comprehensive resource for researchers, clinicians, and practitioners dedicated to advancing cancer treatment in the rapidly growing fields of oncoimmunology and oncohematology.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 October 2025)



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*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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