

Special Issue

Molecular Research for Cancer Immunotherapy

Message from the Guest Editor

Focusing on deepening our understanding of the molecular complexities that govern the interaction between tumors and immune cells, we invite contributions investigating the role of molecular pathways in tumor immune evasion, characterizing the immune tumor microenvironment, identifying new biomarkers, and highlighting innovative molecular-based immunotherapeutic approaches, such as immune checkpoint inhibitors, CAR-T cell therapy, and cancer vaccines. This Special Issue aims to allow for more the establishment of effective cancer immunotherapies.

- cancer immunotherapy
- tumor immune microenvironment
- tumor immune evasion
- adoptive cell therapies
- immune checkpoint inhibitors
- neoantigen-based vaccines
- chemoimmuno-resistance
- primary immuno-resistance
- adaptive immuno-resistance
- tumor associated-macrophages
- tumor-immune crosstalk

Guest Editor

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Deadline for manuscript submissions

closed (30 October 2025)



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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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