

Special Issue

Immunoregulation Within the Tumor Microenvironment: Special Emphasis on Macrophages and NK Cells

Message from the Guest Editor

The tumor microenvironment (TME) has a major impact on solid and hematological tumors as well as on the immune system itself. It is still poorly understood which complex immunological and molecular mechanisms control these changes? In this Special Issue, we aim to collate papers which investigate mechanisms leading to functional changes in tumor-associated immune cell subsets such as T cells, NK cells, or macrophages within the TME. A focus here will be on new immunological target structures, transcription factors, and molecular pathways that have the therapeutic potential to restore the function of immune cells. Based on the current state of research, it seems particularly promising to test combined therapeutic approaches.

Guest Editor

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Deadline for manuscript submissions

closed (20 June 2025)



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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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