

Special Issue

Immunotherapy: New Developments and Challenges

Message from the Guest Editors

Immunotherapy is a promising strategy for cancer treatment that harnesses the power of the immune system to fight tumor cells. However, current immunotherapeutic agents have limitations such as high toxicity, low specificity, and poor bioavailability. The most successful cancer therapies are immune checkpoint inhibitors (ICIs), bi-specific T-cell engagers (BiTEs), and chimeric antigen receptor T cells (CAR-T cells). The possibility for a combination therapy built on the aforementioned techniques has recently been considered by researchers and has been demonstrated to have a significantly stronger impact on cancer therapy. Therefore, new research methodologies are necessary for a full explanation of the processes behind various cancer therapeutic approaches. This Special Issue aims to publish original research papers, systematic reviews, and opinion pieces that focus on clinical/translational cancer immunotherapy, covering both in vitro and in vivo experiments on new immunotherapeutic strategies, therapy-related immune regulation, and immunotherapy markers.

Guest Editors

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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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