

Special Issue

Inflammation and Tumor Progression: Signaling Pathways and Targeted Intervention

Message from the Guest Editor

Cancer is one of the leading causes of death in recent decades. Multi-faceted approaches and better access are further required for complicated tumor patients. One such approach is therapeutic intervention targeting the signaling network formed between the cancer and inflammatory-related immune cells in the tumor microenvironment. A tumor is formed as a result of chronic inflammation that promotes malignant cellular transformation. Several pro-inflammatory mediators and chemokines have been shown to participate in tumorigenesis, even in its pleiotropic roles in biological processes. Therefore, immunological modulation of cytokine-mediated inflammation has been determined in malignant tumors, and it has shown tumor immune evasion. This Special Issue aims to collect recent topics and aspects of cross-talk between tumor and inflammatory immune cells. In addition, it will discuss the relationship between metastasis and its drug resistance to anti-cancer agents. The knowledge developed may finally lead to breakthroughs in treating chronic and complicated tumor cells. We welcome experts in this field to contribute with original research, full reviews, and perspectives.

Guest Editor

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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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