

Special Issue

Tumor Microenvironment: Molecular Mechanism and Signaling Pathway Involved in Cancer Metastasis

Message from the Guest Editors

Tumors are highly complex entities composed of a plethora of cell types, which altogether comprise what we call the “tumor microenvironment” (TME). Such an ecosystem contains immune, endothelial or nerve cells, as well as fibroblasts, which dynamically interact with cancer cells both at the physical and biochemical levels. Such interactions lead to acute and chronic alterations in the phenotypic characteristics of cancer and non-cancer cells, ultimately affecting tumor progression. Understanding the TME-related mechanisms and signaling pathways will provide a more detailed view of the biology of tumor progression and an opportunity to design new therapeutic approaches, specifically tackling metastasis formation. For this Special Issue, we invite authors to submit original and review articles that provide new insights on how the TME influences tumor dissemination and metastasis. Articles covering new findings on TME-related mechanisms altering cancer motility, invasion, angiogenesis, hematogenous, or lymphatic dissemination, as well as immune evasion or therapy resistance, are welcomed.

Guest Editors

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Deadline for manuscript submissions

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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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