

Special Issue

Cytokines/Chemokines in Cancer Metastasis 2.0

Message from the Guest Editor

Cancer metastasis is the leading cause of cancer-related deaths. There is an urgent need to understand the biology of metastasis for the development of novel preventive/therapeutic approaches for controlling metastasis to distant organs. Cancer cells release cytokines or chemokines that will communicate through their receptors present on stromal (paracrine mechanism) and cancer cells (autocrine mechanism). An altered expression profile of chemokines/cytokines regulates angiogenesis, proliferation, and metastasis at various stages in the solid tumors. It has been shown that blocking chemokines/cytokines or their cognate receptors plays a significant role in controlling cancer progression/metastasis. In addition, cytokines and chemokines can be used to improve the response of chimeric antigen receptor (CAR)-T cells against solid malignancies. The papers in the current Special Issue will cover all the topics of chemokines/cytokines and their role in the tumor microenvironment and blocking strategies of these axes as a monotherapy and combination therapies for the prevention of metastasis.

Guest Editor

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