

Special Issue

Targeting Tumor Microenvironment for Cancer Therapy, 2nd Edition

Message from the Guest Editors

Chemotherapy is the treatment of choice for cancer, but the currently available therapeutic drugs for it have limited efficacy. Recent studies have suggested that cancer stem cells in the tumor microenvironment may play an important role in the drug resistance of chemotherapy. The tumor microenvironment, comprising cellular components, such as cancer-associated fibroblasts, tumor-associated macrophages, tumor-associated neutrophils and endothelial cells, has been recognized as a critical contributor to the development and progression of cancer. As the seed and soil hypothesis states that the tumor microenvironment, as a main driver, promotes cancer stemness and therapeutic resistance in most cancers, new agents or treatment strategies that modulate the tumor microenvironment are urgently needed. Regarding this concept, the focus of this Special Issue is investigations on new treatment strategies and molecular mechanisms of tumor microenvironment targeting for cancer therapy. Topics related to cancer stemness or chemoresistance targeting and so on are welcome.

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