



## Tumor Microenvironment 3.0

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### Message from the Guest Editor

The accumulation of gene mutations can transform normal cells into cancer cells, which are required, but not sufficient, to induce cancer tissues. Cancer development and its malignant progression unexceptionally proceeds under the influence of tumor microenvironments, which are governed by the communication between cancer cells and normal resident cells present in tumor tissues, such as leukocytes, endothelial cells, and fibroblasts. Moreover, normal cells present in tumor tissues frequently support the survival of cancer stem cells by providing them with niche, thereby inducing resistance to chemotherapy and radiotherapy. Thus, in order to identify druggable targets for exploiting efficient anti-cancer strategies, it is mandatory to clarify the interplay of cancer cells with intratumoral normal cells at molecular levels. Here, in this Special Issue “Tumor Microenvironments”, we will discuss various types of mediators including cytokines, chemokines, extracellular vesicles, and lipid mediators, which are deeply involved in the interaction between cancer cells and normal cells in cancer tissues.





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