Special Issue

Targeting Tumor Microenvironment in Cancer: Promises and Challenges

Message from the Guest Editors

The tumor microenvironment (TME) is the environment surrounding a tumor, and it plays a critical role in cancer progression. The TME is made up of a variety of cells, including tumor cells, immune cells, and stromal cells. These cells interact with each other in a complex way to create an environment that is favorable for tumor growth and metastasis. Traditional cancer treatments, such as chemotherapy and radiation therapy, can be effective at killing tumor cells. However, these treatments can also damage healthy cells, and they often lead to the recurrence of the cancer. By targeting the TME, it is possible to disrupt the interactions between tumor cells and the other cells in the microenvironment, preventing tumor growth and metastasis. This targeting is achieved via drugs that target specific molecules. Another approach to targeting the TME is to use cell-based therapies, where engineered immune cells could be used to attack tumor cells. This Special Issue will provide an overview of the tumor microenvironment and the different ways to target it. The Special Issue will also discuss the challenges and opportunities associated with TME-targeted therapy.

Guest Editors

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Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its open access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

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