

Special Issue

Tumor Microenvironment: Cellular Interaction and Metabolic Adaptations

Message from the Guest Editors

The tumor microenvironment (TME) plays a critical role in cancerogenesis. Different components of the TME (such as cancer cells, cancer-associated fibroblasts, endothelial cells, tumor-infiltrating immune cells, adipocytes, and the extracellular matrix (ECM)) influence the development and progression of cancer, the adaptation of cancer cells and their resistance to anti-cancer therapies. In addition, metabolic factors, such as hypoxia and inflammation, determine the formation of a tumor-supportive microenvironment. The development of anticancer approaches aimed at remodeling the TME is very promising. This Special Issue focuses on the role of the TME in cancer development and progression and on new therapeutic approaches for the treatment of metastatic tumors through TME remodeling, submissions of original research articles or reviews related to the impact of the TME on cancer progression, the metabolic plasticity of cancerous and non-cancerous cells, and therapeutic strategies for remodeling these various aspects in cancer are encouraged.

Guest Editors

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Editor-in-Chief

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