



The Role of Adipocyte Crosstalk in the Tumor Microenvironment

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Message from the Guest Editors

Tumor initiation and progression are influenced by multiple factors related to systemic and intercellular communication from other tissues. For instance, adipocytes within the adipose tissue can affect tumor intercellular communications and contribute to signaling changes that impact the behavior of various tumor types. In particular, adipocytes are capable of influencing multiple hallmarks of cancer cells like proliferation, invasion, cell death, angiogenesis, metabolism, and immunity. A wide field of expertise will be required to build a comprehensive analysis of adipose tissue-tumor crosstalk. The purpose of this special issue is to highlight advances in the understanding of molecular mechanisms that mediate adipose-tumor interactions and to uncover novel pathways that will benefit and advance the field of obesity-associated tumors. Additionally, adipose-stromal interactions with fibroblasts, immune cells, and endothelial cells will also be covered in the context of the tumor microenvironment. We anticipate this issue will expand our understanding of adipose tissue communication and further the development of effective therapeutics to subvert pro-tumorigenic mediators.





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Message from the Editor-in-Chief

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