

Special Issue

Harnessing the Tumor Microenvironment and Signaling Pathways for Precision Cancer Therapy

Message from the Guest Editors

This Special Issue, entitled "Harnessing the Tumor Microenvironment and Signaling Pathways for Precision Cancer Therapy," aims to explore the intricate dynamics of the tumor microenvironment (TME) and the signaling pathways that drive cancer progression. By focusing on the TME, this Special Issue will delve into how various components, such as immune cells, stromal cells, and the extracellular matrix, interact with cancer cells to influence tumor behavior and response to treatments. Additionally, it will highlight the significance of signaling pathways in tumor development and metastasis, presenting novel insights into their potential as therapeutic targets. This Special Issue will include contributions from leading researchers and clinicians, covering topics such as the role of the TME in immune evasion, the impact of metabolic pathways on tumor growth, and the latest advancements in targeting key signaling molecules for improved therapeutic outcomes. Through a comprehensive examination of these areas, this Special Issue aims to pave the way for more effective and personalized cancer treatment strategies.

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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