Special Issue

Molecular and Signaling Networks in Cancer Development and Progression

Message from the Guest Editors

Developmental signaling pathways, signaling transduction pathways, and cell cycle checkpoints are frequently dysregulated in cancer. However, recent evidence suggests that cancer development and malignant progression are also the result of the bidirectional, dynamic, and intricate complex interactions between the cells of the stromal tissue and cancer cells in the tumor microenvironment. Tumor cells recruit and activate nonmalignant cells of stromal tissue, which acquire a protumoral phenotype and, in turn, respond by secreting several factors that produce a unique microenvironment that can modify the neoplastic properties of the tumor cells. In turn, the tumor cells feed signals back to the stroma, thus contributing to the further modification of the tumor microenvironment. Therefore, cancer development and malignant progression are the results of both the intrinsic and extrinsic signaling networks of tumor cells. For further information, please visit the Special Issue website.

Guest Editors

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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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