Special Issue

Identifying Functional Genomics and Pathways in Cancer Pathogenesis and Therapy Resistance

Message from the Guest Editors

Understanding cancer pathogenesis and resistance to therapy mechanisms remains a significant challenge in oncology because many underlying mechanisms are unidentified and uninvestigated. These mechanisms often arise from genomic, epigenetic, or transcriptomic dysregulations, among many other alterations, which disrupt critical cellular processes such as cell cycle regulation, signal transduction, DNA repair, and apoptosis. This Special Issue invites original research articles, reviews, and communications from investigators in the field of cancer to advance our understanding of functional genomics and pathways in cancer pathogenesis and therapy resistance.

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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