Special Issue

Cellular Mechanisms of Therapy Resistance and Metastasis in Breast Cancer

Message from the Guest Editors

Understanding the molecular mechanisms underlying therapy resistance and metastasis in breast cancer has advanced recently, offering vital new information for creating more potent treatment plans. Clarifying the molecular mechanisms underlying resistance to common treatments like chemotherapy, hormone therapy, and targeted therapies is one important area of advancement. Researchers have discovered a number of ways that cancer cells can elude therapy and persist, such as genetic mutations, epigenetic changes, and dysregulated communication pathways.

There is a lot of hope for overcoming drug resistance and enhancing patient outcomes with the advent of innovative therapeutic modalities, including immunotherapies and precision medicine approaches. Using such developments, researchers and clinicians are working together to decipher the biology of breast cancer and create novel therapeutic approaches that will effectively fight metastasis and resistance.

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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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