Special Issue

Cancer-Related Signaling Cascades: Current Knowledge and Potential Therapeutic Targets

Message from the Guest Editors

Cancer cells acquire the ability of infinite proliferation, and this ability ultimately leads to the death of individuals. 'The hallmarks of cancer' required for this fatal process have been clarified thus far. These cancer hallmarks are attributable to the alterations of various intracellular signaling cascades caused by cell-intrinsic oncogenic mutations and microenvironmental stimuli. Therefore, altered cancer-associated signaling cascades have been utilized for the development of pharmacological cancer therapy. Different cancer signaling cascades are altered based on cancer types and individual patients. Furthermore, crossover between multiple signaling cascades is a major cause of the resistance of the current targeted therapy. To overcome this serious problem, this Special Issue offers an open access forum that aims to bring together a collection of original research and review articles addressing the expanding field of cancer-associated signaling cascades and their potential for cancer therapy. For more information, please visit Special Issue website.

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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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