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

Guest Editors:

Dr. Takatsune Shimizu

Department of Pathophysiology,
School of Pharmacy and
Pharmaceutical Sciences, Hoshi
University, 2-4-41 Ebara,
Shinagawa-ku, Tokyo 142-8501,
Japan

Dr. Hideyuki Takeshima

Department of Epigenomics,
Institute for Advanced Life
Sciences, Hoshi University, 2-4-41
Ebara, Shinagawa-ku, Tokyo 142-
8501, Japan

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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.

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Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
Copenhagen, Copenhagen,
Denmark

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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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Cells Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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