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Advanced Research of Oncogene and Therapy Targets in Human Cancers

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Message from the Guest Editor

Cancer arises through a multistep, mutagenic process whereby cancer cells acquire a common set of properties, including unlimited proliferation potential, self-sufficiency in growth signals, and resistance to antiproliferative and apoptotic cues. Cancer cell dependency on single oncogenes has been explored for drug discovery, leading to the development of targeted therapies. Oncogene addiction strongly impacts the therapeutic response of tumors to acute oncoprotein inhibition. However, the mechanism by which cancer cells become dependent on a single pathway or activated oncoprotein is not precisely understood in most cases. Thus, a better understanding of oncogene may provide a rationale for improving current cancer therapies and aid in the development of novel therapeutic strategies for the management of cancer. This Special Issue of Biomedicines focuses on recent advances in this area, with a goal to stimulate advanced research and clinical interest in the exciting field of oncogene and therapy targets in human cancers.



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Special Issue



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Message from the Editor-in-Chief

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