

Special Issue

Signaling Pathways Dysregulation in Cancer: Advances and New Therapeutics Hopes

Message from the Guest Editor

Malignant neoplasms, characterized by successive genetic and epigenetic alterations of healthy cells, are one of the leading causes of death within the adult population. Usually, most cancers emerge at the epithelial cells, leading to organ-specific carcinomas affecting skin, liver, lung, breast, or pancreas. Since oncogenic mutations induce gene overexpression and subsequently cause protein dysregulation, the PI3K/AKT/mTOR, TGF- β family, Ras/Raf/MEK/ERK, and the Wnt/ β -catenin signaling pathway dysregulations are correlated with the proliferation, angiogenesis, invasion, and metastasis of cancer cells. Therefore, inhibitors targeting these pathways are considered as novel therapeutic candidates for the development of potential anticancer agents. We cordially invite submissions of original research and comprehensive review articles for inclusion in this Special Issue. This Special Issue is overseen by with the assistance of Dr. Constantin Stefani (Department of Family Medicine and Clinical Base, Dr. Carol Davila Central Military Emergency University Hospital).

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