

Special Issue

ErbB Family of Receptor Tyrosine Kinases in Cancer and Drug Therapy

Message from the Guest Editors

The ErbB family of receptor tyrosine kinases (RTKs) includes the epidermal growth factor receptor (EGFR) or ErbB1/Her1, ErbB2/Her2, ErbB3/Her3, and ErbB4/Her4. These RTKs are key regulators of physiological processes, such as cell growth, survival, and differentiation. Dysregulation of ErbB receptors is implicated in the development and progression of many types of cancers, making them targets for therapeutic strategies. This Special Issue will focus on the latest advancements in understanding the molecular mechanisms underlying the role of ErbB family members in tumorigenesis, and the development of novel therapeutic strategies targeting these receptors. In addition to therapeutic approaches, we will also address the challenge of resistance to ErbB-targeted therapies and explore strategies to overcome this resistance, including combination approaches. Original research articles and reviews exploring both basic and clinical research are welcome.

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