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Mariani, Erika L. Moen, Kelly R. Ostler, and Lucy A. Godley; Overview; Clinical Translation: Mechanism of Action for Histone Deacetylase Inhibitors; Clinical Translation: Mechanism of Action of Hypomethylating Agents; Key Concepts; References; B. Fundamentals of Chromosome Structure and Segregation
Christopher J. Mariani, Trisha Macrae, Michael Daunov, and Lucy A. Godley; Overview; Clinical Translation: Cancer Associated Chromosomal Translocations as Diagnostic Markers; Clinical Translation: Mechanism of Tubule Inhibitors; Key Concepts; References; 4. Cell Surface Receptors and Signal Transduction; A. Fundamentals of Growth Factor Receptor Tyrosine Kinase Signaling; Overview; Clinical Translation: Mechanism of Action of EGFR/HER2 and MET Inhibitors; Key Concepts; References; B. Fundamentals of Signal Transduction; Overview
Clinical Translation: Clinical Implications for RAF and RAS Mutations
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Clinical Translation: Modulation of the AR Axis in Prostate Cancer

Sommario/riassunto

Utilizing the teaching value of real-world case discussions, Cancer Biology Review presents the principles of cancer biology in a clear and memorable manner, allowing the clinician to relate the cases shown in the book to those seen in practice. Focusing on ten topics in cancer biology for which there have been major changes in fundamental understanding, the authors provide a concise overview of the principles of each topic, followed by presentation of clinical cases illuminating the topic and detailed discussions. Summaries and key teaching points are highlighted at the end of each chapter to
