

CELL BIOLOGY

TRANSLATIONAL IMPACT IN CANCER BIOLOGY AND BIOINFORMATICS

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Cell Biology: Translational Impact in Cancer Biology and Bioinformatics provides insight into implications for cell cycle regulation and cell proliferation in cancer growth and dissemination and offers techniques and tools to help with diagnosis. It also provides a broad view of the research area for early and experienced researchers across cell biology, cancer research, molecular biology, and clinical and translational science. This book contains data needed to support discovery of molecular signatures that identify populations at risk and the real-time capability to communicate with physicians providing the clinical data and their patients participating in clinical trials. Additionally, sections of this collective text provide resources to access anatomic that identify and profile individuals with information available using data structures securely connecting multiple forms of molecular and clinical data.

This book gives physician scientists immediate access to cross-sectional, trending, and performance data that may facilitate improved clinical decision making and allows clinicians to more rapidly identify patients at risk for disease and poor outcomes based upon next generation XSequencing data analyzed by cancer informaticists.

Key Features:

- Offers insight into how cell cycle and cell division relates to cancer biology;
- Emphasizes flow cytometry and other cell biology techniques for diagnosis;
- Includes recommendations for integration and analyzation of molecular and clinical data.

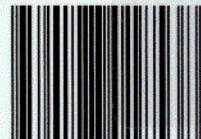


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