



## The impact of tumor biology on cancer treatment and multidisciplinary strategies /

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**Aufsatzsammlung**

Monografía

This text provides a detailed overview of the fundamentals of tumor biology and the influence of biologic factors on the design of therapeutic strategies and the outcome of established and emerging treatments. Particular attention is devoted to multidisciplinary combined modality therapy

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Irradiation -- 15 Physiological Mechanisms of Treatment Resistance -- 16 Influence of Time Factor and Repopulation on Treatment Resistance -- 17 Molecular Tools, Expression Profiling -- 18 Strategies of Gene Transfer and Silencing, and Technical Considerations -- 19 Tumor Biologys Impact on Clinical Cure Rates -- 20 Dose-Escalated High-Precision Radiotherapy: a Method to Overcome Variations in Biology and Radiosensitivity Limiting the Success of Conventional Approaches? -- 21 Treatment of the Primary Tumor in Metastatic Cancer: Influence on Outcome -- Subject Index -- List of Contributors

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