

**Preface.**

**List of Contributors.**

**1 – Tumor Vasculature: a Target for Anticancer Therapies (*Dietmar W. Siemann*).**

**2 – Abnormal Microvasculature and Defective Microcirculatory Function in Solid Tumors (*Peter Vaupel*).**

**3 – The Role of Microvasculature in Metastasis Formation (*Oliver Stöltzing, Lee M. Ellis*).**

**4 – Development of Agents that Selectively Disrupt Tumor Vasculature: a Historical Perspective(*David Chaplin, Sally A. Hill*).**

**5 – Morphologic Manifestations of Vascular-Disrupting Agents in Preclinical Models (*Mumtaz V. Rojiani, Aryn Rojiani*).**

**6 – Molecular Recognition of the Colchicine Binding site as a Design Paradigm for the Discovery and Development of Vascular-Disrupting Agents (*Kevin G. Pinney*).**

**7 – Combined Modality Approaches Using Vascular-Disrupting Agents (*Wenyin Shi, Michael R. Horsman, Dietmar W. Siemann*).**

**8 – Vascular-Targeting Therapies and Hyperthermia (*Michael R. Horsman, Rumi Murata*).**

**9 – Flavones and Xanthenones as Vascular-Disrupting Agents (*Bronwyn Siim, Bruce Baguley*).**

**10 – Targeting Inside-Out Phospholipids on Tumor Blood Vessels in Pancreatic Cancer (*Adam W. Beck, Rolf Brekken, Philip E. Thorpe, PhD*).**

**11 – Cadherin Antagonists as Vascular-Targeting Agents (*Orest Blaschuk, Tracey M. Rowlands*).**

**12 – Alphastatin: a Pluripotent Inhibitor of Activated Endothelial Cells (*Carolyn A. Staton, Claire Lewis*)**

**13 – Cationic Lipid Complexes to Target Tumor Endothelium (*Uwe Michaelis, Michael Teifel*).**

**14 – Development of Vascular-Targeted Cancer Gene Therapy (*Graeme J. Dougherty, Peter D. Davis, Shona T. Dougherty*).**

**15 – Vascular-Disrupting Strategies Combined with Bacterial Spores Targeting Hypoxic Regions of Solid Tumors (*G-One Ahn, J. Martin Brown*).**

**16 – Imaging the Effects of Vascular-Targeting Agents (*Susan M. Galbraith*).**

**17 – Clinical Progress in Tumor Vascular-Disrupting Therapies (*Andy Gaya, Gordon Rustin*).**

**18 – Use of Vascular-Disrupting Agents in Non-Oncology Indications (*Joseph C. Randall, Scott Young*).**

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