Anti-Angiogenesis Drug Discovery and Development
Volume 3

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About the eBook

The inhibition of angiogenesis is an effective mechanism of slowing down tumor growth and malignancies. The process of induction or pro-angiogenesis is highly desirable for the treatment of cardiovascular diseases, wound healing disorders, etc. Efforts to understand the molecular basis, both for inhibition and induction, have yielded fascinating results.

Anti-angiogenesis Drug Discovery and Development provides an excellent compilation of well-written reviews on various aspects of the anti-angiogenesis process. These reviews have been contributed by leading practitioners in drug discovery science and highlight the major developments in this exciting field in the last two decades. The feast of these reader-friendly reviews on topics of great scientific importance – many of which are considered significant medical breakthroughs, makes this book excellent reading both for the novice as well as for expert medicinal chemists and clinicians.

Contents

- Beta-Blocker Therapy for Retinopathy of Prematurity
- Disintegrin-Based, Synthetic Cyclic KTS Peptides as Novel Dual Antagonists of α1β1/α2β1 Integrins with Antiangiogenic Activity
- Current Status of Anti-Angiogenic Therapy in the Clinical Management of Lung Cancer
- Angiogenesis in Hepatocellular Carcinoma (HCC) and its Potential Applications in the Development of Anti-HCC Drugs
- Bevacizumab for Glioblastoma Treatment: Reviewing Biological and Clinical Hypothesis for its Success and Failures

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