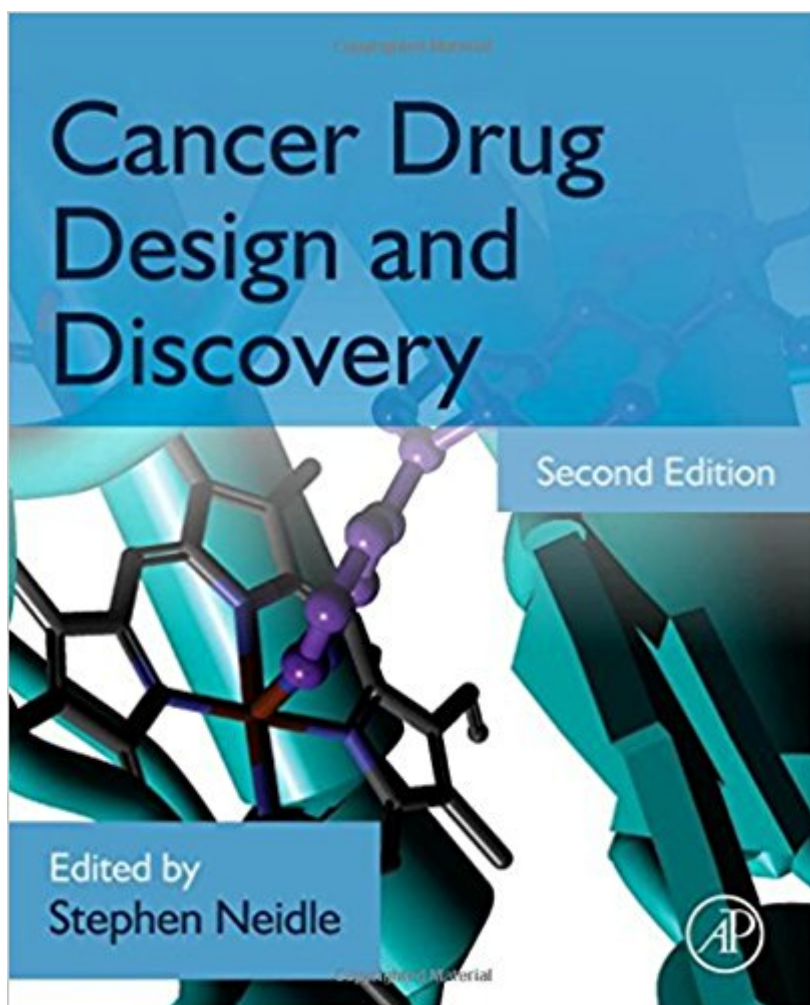


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Cancer Drug Design And Discovery, Second Edition



Synopsis

Cancer Drug Design and Discovery, A Second Edition is an important reference on the underlying principles for the design and subsequent development of new anticancer small molecule agents. New chapters have been added to this edition on areas of particular interest and therapeutic promise, including cancer genomics and personalized medicine, DNA-targeted agents and more. This book includes several sections on the basic and applied science of cancer drug discovery and features those drugs that are now approved for human use and are in the marketplace, as well as those that are still under development. By highlighting some of the general principles involved in taking molecules through basic science to clinical development, this book offers a complete and authoritative reference on the design and discovery of anticancer drugs for translational scientists and clinicians involved in cancer research. Provides a clinical perspective on the development of new molecularly targeted anticancer agents with the latest and most promising chemotherapeutic approaches. Offers a broad view of where the field is going, what tools drug discovery is using to produce new agents and how they are evaluated in the laboratory and clinic. Features 6 new chapters devoted to advances in technology and successful anticancer therapies, such as cancer genomics and personalized medicine, DNA-targeted agents, B-Raf inhibitors and more. Each chapter includes extensive references to the primary and review literature, as well as to relevant web-based sources.

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"â offers unique information on the discovery and design of new anticancer agents, covering recent notable successes resulting from the human genome and cancer genomics projectsâ |an excellent reference for translational researchers interested in cancer biology and medicine as well as students in pharmacy, pharmacology, or medicinal and biological chemistryâ |"--Anticancer Research 34, 2014 "The second edition of this book walks readers through the myriad cancer drugs and their molecular targets, with a special emphasis on past, present, and future drug design efforts... the book examines both drugs currently in the clinic and those merely on the drawing boardâ |This comprehensive update of the 2008 edition will serve student or experienced cancer researchers well as a reference on anticancer drug development." Rating: 4 Stars--Doody.com, March 21, 2014 "Specialists in cancer and pharmaceuticals, most in academic settings, look at basic principles of cancer drugs, methodology, drugs in the clinic, new agents, and the reality of cancer drugs in the clinicâ |They do include many case studies, and some chapters provide questions for classroom use."--ProtoView.com, February 2014

Stephen Neidle, DSc, PhD, ARCS, FRSC, Director of Cancer Research UK Biomolecular Structure Group, Director of the Centre for Cancer Medicines, Professor of Chemical Biology, The School of Pharmacy, University College London, UK

Prompt delivery. Well packaged. Nice job. Thank you very much.

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