

Synopsis

A collection of useful molecular techniques to illuminate and explore the interaction of drugs and ligands with DNA. These easily reproducible methods involve sequence recognition properties, as well as the physical approaches for measuring both the strength of interaction and the mode of drug binding to DNA. The interactions are also examined from a cellular perspective and for their usefulness in the design of new therapeutic agents. The powerful techniques detailed here will be particularly useful in elucidating the action of existing therapeutic agents, as well as in the design of new anti-cancer drugs with improved action and reduced toxicity.

Book Information

Series: Methods in Molecular Biology (Book 90)

Hardcover: 288 pages

Publisher: Humana Press; 1 edition (October 7, 1997)

Language: English

ISBN-10: 089603447X

ISBN-13: 978-0896034471

Product Dimensions: 6 x 0.8 x 9 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #14,468,349 in Books (See Top 100 in Books) #68 in Books > Medical Books > Pharmacology > Molecular #213 in Books > Medical Books > Pharmacology >

Pharmacodynamics #1143 in Books > Science & Math > Chemistry > Clinical

Customer Reviews

"Methods in Molecular Biology is a long standing, respected series that provides protocols for the researcher. ...this particular book is a welcome addition for the researcher. It is recommended for all medical and science libraries."-Reviewer: H. Robert Malinowsky, E-STREAMS

A gripping read

[Download to continue reading...](#)

Drug-DNA Interaction Protocols (Methods in Molecular Biology) Bacteriophages: Methods and Protocols, Volume 2: Molecular and Applied Aspects (Methods in Molecular Biology) Hemoglobin Disorders: Molecular Methods and Protocols (Methods in Molecular Medicine, Vol. 82) Candida

Albicans: Methods and Protocols (Methods in Molecular Biology) Candida Species: Methods and Protocols (Methods in Molecular Biology) Legionella: Methods and Protocols (Methods in Molecular Biology) Patch-Clamp Methods and Protocols (Methods in Molecular Biology) Liposome Methods and Protocols (Methods in Molecular Biology) Vaccine Technologies for Veterinary Viral Diseases: Methods and Protocols (Methods in Molecular Biology) Mouse Models of Allergic Disease: Methods and Protocols (Methods in Molecular Biology) DNA Testing Guide Book: Utilize DNA Testing to Analyze Family History Genealogy, Classify and Measure Ethnic Ancestry Research, And Discover Who You Are ... DNA Testing, Ancestry, Ancestry Research) Novel Anticancer Drug Protocols (Methods in Molecular Medicine) Cystic Fibrosis: Diagnosis and Protocols, Volume I: Approaches to Study and Correct CFTR Defects (Methods in Molecular Biology) Mycoplasma Protocols (Methods in Molecular Biology) Baculovirus and Insect Cell Expression Protocols (Methods in Molecular Biology) Chromatin Protocols (Methods in Molecular Biology) Cystic Fibrosis Methods and Protocols (Methods in Molecular Medicine) Molecular Biology (WCB Cell & Molecular Biology) Current Topics in Computational Molecular Biology (Computational Molecular Biology) Molecular Pharmacology: From DNA to Drug Discovery

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)