

1. Record Nr.	UNINA9910476800203321
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Titolo	Drug-acceptor interactions : modeling theoretical tools to test and evaluate experimental equilibrium effects // Niels Bindslev
Pubbl/distr/stampa	[Place of publication not identified] : , : Taylor & Francis, , 2008
Descrizione fisica	1 online resource (xviii, 410 pages)
Disciplina	615.7045
Soggetti	Drug interactions - Data processing Drug interactions - Databases
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I ONE-STATE MODELS: SIMPLE AGONISM AND ANT-AGONISM -- CHAPTER 1 Simple agonism -- CHAPTER 2 Simple ant-agonism simple intervention -- CHAPTER 3 Auto-inhibition and auto-intervention in one-state models -- CHAPTER 4 Means of obtaining ant-agonist constants: Preliminary points of a personal view -- Part II TWO-STATE MODELS: COMPLEX AGONISM AND MODULATION -- CHAPTER 5 Complex agonism -- CHAPTER 6 Multi-step reaction schemes: extending the two-step mechanism of del Castillo and Katz -- CHAPTER 7 Cubic reaction schemes. ATSM and HOTSM -- Part III TEST OF TOOLS FOR DATA ANALYSIS -- CHAPTER 8 Choosing and formulating relevant schemes -- CHAPTER 9 Plots, fits and data interpretation. -- CHAPTER 10 Hill in hell -- CHAPTER 11 The Schild against other theories -- CHAPTER 12 Ties between synergy and two-state models -- Part IV BIOLOGICAL REGULATION AND ALLOSTERY -- CHAPTER 13 Strategies of biological regulation -- CHAPTER 14 On allostery and co-operativity -- CHAPTER 15 Allostery and development of its models.
Sommario/riassunto	Drug-Acceptor Interactions: Modeling theoretical tools to test and evaluate experimental equilibrium effects suggests novel theoretical tools to test and evaluate drug interactions seen with combinatorial drug therapy. The book provides an in-depth, yet controversial, exploration of existing tools for analysis of dose-response studies at equilibrium or steady state. The book is recommended reading for

post-graduate students and researchers engaged in the study of systems biology, networks, and the pharmacodynamics of natural or industrial drugs, as well as for medical clinicians interested in drug application and combinatorial drug therapy. Even people without mathematical skills will be able to follow the pros and cons of reaction schemes and their related distribution equations. Chapter 9 is a hands-on guide for software to plot, fit and analyze one's own data.
