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2.8 Advantages and Disadvantages of Different Assay Formats
2.9 Drug Concentration as an Independent Variable;
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2.11 Derivations; References;
Chapter 3. Drug-Receptor Theory;
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3.2 Drug-Receptor Theory;
3.3 The Use of Mathematical Models in Pharmacology;
3.4 Some Specific Uses of Models in Pharmacology;
3.5 Classical Model of Receptor Function;
3.6 The Operational Model of Receptor Function;
3.7 Two-state Theory;
3.8 The Ternary Complex Model;
3.9 The Extended Ternary Model;
3.10 Constitutive Receptor Activity
3.11 The Cubic Ternary Complex Model
3.12 Chapter Summary and Conclusions;
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Chapter 4. Pharmacological Assay Formats: Binding;
4.1 The Structure of This Chapter;
4.2 Binding Theory and Experiment;
4.3 Complex Binding Phenomena: Agonist Affinity from Binding Curves;
4.4 Experimental Prerequisites for Correct Application of Binding Techniques;
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5.1 Functional Pharmacological Experiments
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Chapter 6. Orthosteric Drug Antagonism;
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6.6 Resultant Analysis

Sommario/riassunto

The Second Edition will continue this tradition of better preparing researchers in the basics of pharmacology. In addition, new human interest material including historical facts in pharmacology will be added. A new section on therapeutics will help readers identify with diseases and drug treatments.*Over 30 new figures and tables*More human interest information to provide readers with historical facts on pharmacology research*New section on therapeutics to help identify diseases and drug treatments*New section on new biological concepts relevant to pharmacological research
