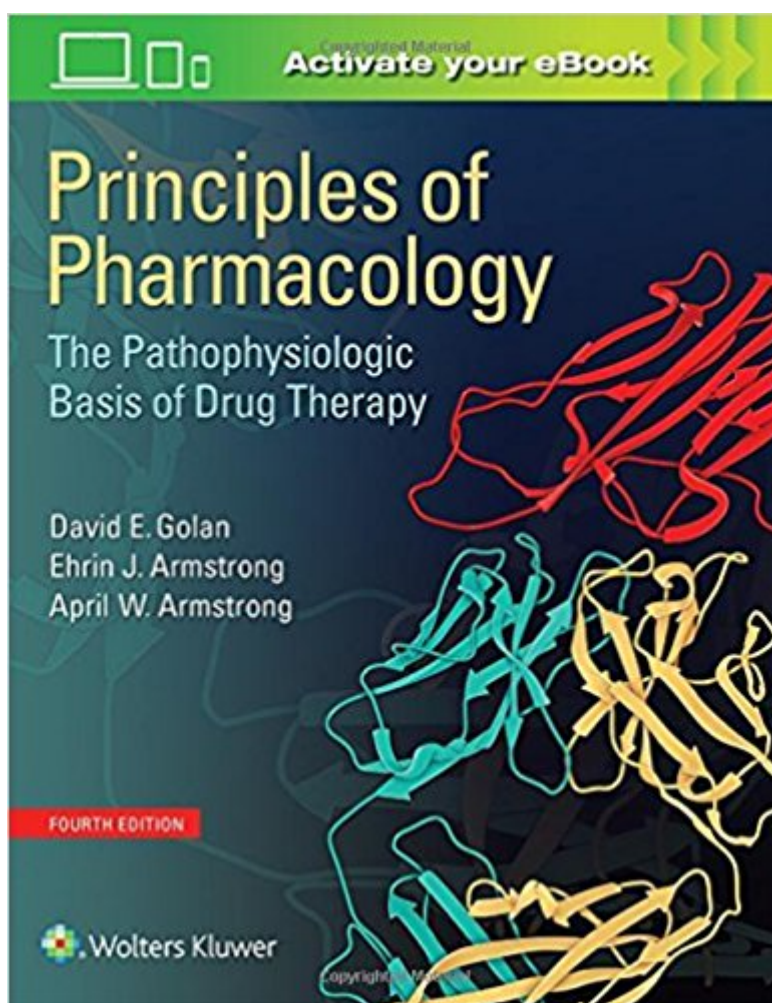


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Principles Of Pharmacology: The Pathophysiologic Basis Of Drug Therapy



Synopsis

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Highly regarded by both students and instructors, *Principles of Pharmacology: The Pathophysiologic Basis of Drug Therapy, 4th Edition*, offers an integrated mechanism-based and systems-based approach to contemporary pharmacology and drug development. An easy-to-follow format helps first- and second-year students grasp challenging concepts quickly and efficiently. Each chapter presents a clinical vignette illustrating a therapeutic problem within a physiologic or biochemical system; followed by a discussion of the biochemistry, physiology, and pathophysiology of the system; and concluding with a presentation of the pharmacology of the drugs and drug classes that activate or inhibit the system by interacting with specific molecular and cellular targets. Chapters are integrated into sections that focus on organ systems and therapeutic areas of highest importance. Clear, concise illustrations highlight key points, and drug summary tables offer quick access to essential information.

The Fourth Edition features:

- Comprehensive updates to all chapters, including recently approved drugs
- Nearly 40 popular and practical Drug Summary Tables with state-of-the-art information on clinical applications, serious and common adverse effects, contraindications, and therapeutic considerations
- A new chapter on drug transporters, and extensively revised information on drug-receptor interactions, pharmacodynamics, drug toxicity, and pharmacogenomics

Key changes to Section 1: Fundamental Principles of Pharmacology, which now provides a comprehensive framework for material in all subsequent chapters

Hundreds of meticulously updated and colorized illustrations, including many that are new or substantially modified to highlight new understanding of physiologic, pathophysiologic, and pharmacologic mechanisms

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Customer Reviews

This book is a beacon for anyone studying pharmacology, biochemistry, or biomedical research. Contents are well organized and comprehensive. Excellent writing, unequivocal and clear; even people with basic college knowledge in biological sciences or chemistry can understand it. I strongly recommend this book as the "bible" for pharmacology. Several useful charts are given at the end of each chapter to illustrate all the pharmaceutical compounds, targets, and mechanism of actions; as well as their adverse effects. Moreover, it has excellent figures that make the reading bearable and graspable.

I bought this the same time as Rang & Dales Pharmacology text. I found the Rang & Dales book much better written and engaging when it came to explaining concepts and to giving context for said concepts. I bought the book because one reviewer of it said that there are no other pharmacology texts that provide good scientific support and background for the material presented, and that was important to me. However, I don't feel that this book is any more scientifically sound or complete than the Rang & Dale text. (My background is mostly organic chem.)

The most comprehensive book about molecular aspects of pharmacology. Fully described mechanisms of drug action, main features of structure-action relationship. In my opinion this book together with Goodman&Gilman Pharmacology and Katzung Basic and Clinical Pharmacology - are the essential reading.

I bought the kindle-version of this book. This was my first kindle purchase, and I hate it. All tables in this book are rendered in such a low resolution, they are impossible to read. The figures and tables are linked to in the text, but half the time the link sends me to a wrong page. I click on a link to go to fig. 4.3 and end somewhere in chapter 5. Some of the tables are incomplete as well, some of the table is actually missing. Reading the kindle on my mac it is impossible to zoom in on the unreadable tables or figures. On my mac I cannot see an overview of the chapters only of the sections. This leads me to turn the page manually to get to a chapter within the section. Also, there

are no page-numbers. I know this is a kindle-thing, and they want you to use locations instead. But when I am told there is a fact or drug mentioned on page 422, I cannot look it up. I have since bought other books in the kindle system, and they seem fine. Therefore I am not unhappy with kindle in general, but just the rendering of this book. As for the content it seems fine. The book gives you a nice overview of the physiology-aspect of a particular organ or system, before diving in to affecting it pharmacologically. The book is fine, just do not purchase the kindle-version.

I'm using this textbook for first year pharmacy school and it's a great resource. I have the ebook version but ended up always borrowing the physical book from the library because it's easier to flip through, so I decided to go ahead and buy it. I'm only giving it 4 stars because I just purchased the paperback version and didn't realize it's in black and white. The pages are non-glossy and highlighter bleeds through. The graphs and diagrams are also difficult to follow since a lot of images are color-coded, so that's disappointing. I wish the description had mentioned that it was black and white, because I would have spent the extra money to get a color copy.

As a Professor Emeritus at a leading medical school in this country, I casually examined this book on the web. I loved what I saw and promptly purchased the Kindle version. I love the way it integrates physiology and biochemistry with pharmacology. A true asset to the medical student and to the physician in Internal Medicine; and Oh yes, great pleasure for retired faculty such as myself to read by the fireplace in the evening.

Mediocre pharm book. Going to look for another one to have on hand for grad school.

As a freshman pharm student, this book helped me a great deal and I still use it. Every pharm student should have it. Detailed and interesting

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