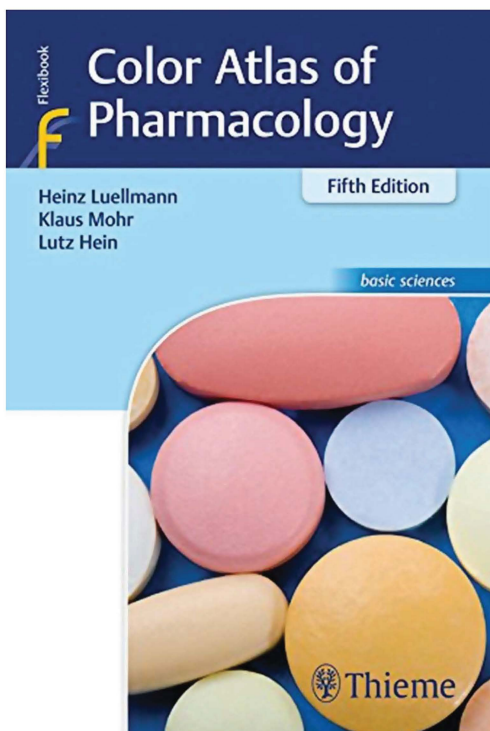


# Color Atlas of Pharmacology 5<sup>th</sup> Edition

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Pharmacology is a branch of medicine and pharmaceutical sciences concerned with drug or medication action. A drug may be defined as any artificial, natural, or endogenous molecule which exerts a biochemical or physiological effect on the cell, tissue, organ, or organism. Therefore, it is challenging to understand pharmacology. The science of pharmacology has always been challenging to understand, but it is a fascinating field of science. Last year marked the 70<sup>th</sup> anniversary of the birth and development of pharmacological science in Mongolia. In this regard, modern books and pamphlets, and the latest research materials have been used in pharmacological research.

This Color Atlas of Pharmacology will reduce the difficulties in learning to get complete information about pharmacology.

The Color Atlas of Pharmacology has been extensively revised to include all recent advances and new drugs, and the illustrations have been optimized and updated.

The Fifth Edition Color Atlas of Pharmacology is divided into three sections:

- The first section addresses General Pharmacology, explains fundamental aspects, such as drug absorption, distribution, and elimination, along with the molecular mechanisms of drug actions. The Atlas also approaches an emerging discipline in modern pharmacology — pharmacogenetics.
- The second section includes Systems Pharmacology, which presents the different groups of drugs, emphasizing their functional and therapeutic aspects. Each chapter begins with an introduction to the physiology of the system, which is helpful in understanding drug actions and efficacy. Accordingly, information related to the drug's mechanisms of action is also provided, including receptor-linked signaling pathways and receptor selectivity.
- The third section therapy of Selected Diseases, including hypertension, hypotension, angina pectoris, congestive heart failure, gout, obesity, osteoporosis, rheumatoid arthritis, migraine, the common cold, allergies, bronchial asthma, emesis, alcohol abuse, and glaucoma provides all the relevant information

regarding the pharmacological treatment of a large number of conditions.

Color-coded sections provide readers with a helpful framework with which to approach the latest developments in pharmacology.

The Atlas also includes a glossary, a drug index (antibodies, kinase inhibitors, drug name-trade name, trade name-drug name), a subjects index, and abbreviated topics. In the end, the

Atlas also provides convenient references for further reading.

In addition, the Fifth Edition of Color Atlas of Pharmacology is an essential study guide and reference for every doctoral or undergraduate student — or even physicians and pharmacists needing to keep up to date with recent advances in the field. So if you want to keep up or need to refresh your knowledge of pharmacology in an engaging way this book is invaluable.