

# FUNDAMENTALS OF PHARMACOLOGY

*Fundamentals of Pharmacology* is a concise and comprehensive textbook designed as per the B. Pharm curriculum. It provides a clear understanding of drug and their mode of action, including pharmacokinetics, pharmacodynamics and drug-receptor interactions. The book covers system-wise pharmacology, including drugs acting on the nervous, cardiovascular, respiratory, gastrointestinal, and endocrine systems, along with autacoids and chemotherapy of infectious diseases. It also includes key topics such as adverse drug reactions, drug interactions, bioassay, immunopharmacology, toxicology and chronopharmacology. Book written in a student-friendly manner, the book emphasizes mechanism of action, therapeutic uses, side effects and clinical relevance which making it an essential and practical guide for B. Pharm students.

## Salient features

- Organized in a system-wise manner, the book comprehensively covers drugs acting on the nervous, cardiovascular, respiratory, gastrointestinal, endocrine and urinary systems, along with detailed sections on chemotherapy and modern topics such as immunopharmacology, bioassay, toxicology and chronopharmacology.
- Supported with diagrams, tables, and flowcharts for better visualization and quick revision.
- It provides a clear and strong foundation in general pharmacology, including pharmacokinetics, pharmacodynamics and drug-receptor interactions.
- Concepts are explained in a simple, easy-to-understand language, making it suitable for undergraduate students.

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