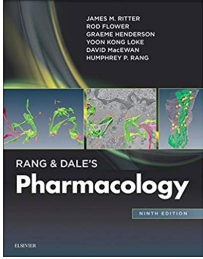


**RANG & DALE'S PHARMACOLOGY**

	<b>Autor:</b>	Ritter	
	<b>ISBN:</b>	9780702074486	
	<b>Páginas:</b>	808	
	<b>Año:</b>	2019	
	<b>Edición:</b>	9	
	<b>Idioma:</b>	Ingles	
	<b>Disponible:</b>	Agotado	
<b>Precio:</b>	<del>61.00</del> 57.95	Iva no incluido	

**DESCRIPTION:**

Comprehensive yet easy to use, Rang and Dale's Pharmacology has been providing core basic and clinical science information to students and healthcare practitioners worldwide for more than 25 years. The fully revised 9th Edition keeps you up to date with all that's new in the field, including new and emerging drugs and recent studies. From cover to cover you'll progressively increase your knowledge of all relevant aspects of pharmacology, from a molecular understanding of receptors and drug actions through clinical uses of key groups of drugs.

**Key Features:**

- Keeps you up-to-date with new information in this fast-changing field, including significantly revised coverage of CNS drugs, cognitive enhancers, anti-infectives, biologicals/biopharmaceuticals, lifestyle drugs, and more.
- Includes access to unique features online, including more than 100 brand new chapter-specific multiple-choice questions and 6 new cases for immediate self-assessment.
- Features a color-coded layout for faster navigation and cross-referencing.
- Clarifies complex concepts with Key Points boxes, Clinical Uses boxes and full-color illustrations throughout.
- Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references - including 68 bonus dissection videos - from the book on a variety of devices.

**CONTENTS:**

**Section 1. General principles**

1. What is pharmacology?
2. How drugs act: general principles
3. How drugs act: molecular aspects
4. How drugs act: cellular aspects excitation, contraction and secretion
5. Biopharmaceuticals and gene therapy
6. Cell proliferation, apoptosis, repair and regeneration
7. Cellular mechanisms: host defence
8. Method and measurement in pharmacology
9. Absorption and distribution of drugs
10. Drug metabolism and elimination
11. Pharmacokinetics
12. Individual Variation, Pharmacogenomics and Personalised Medicine

**Section 2. Chemical Mediators**

13. Chemical mediators and the autonomic nervous system
14. Cholinergic transmission
15. Noradrenergic transmission
16. 5-Hydroxytryptamine and the Pharmacology of Migraine
17. Purines
18. Local Hormones 1: Histamine and the Biologically Active Lipids
19. Local Hormones 2: Peptides and Proteins
20. Cannabinoids
21. Nitric oxide and other gaseous mediators

**Section 3. Drugs affecting major organ systems**

22. The heart
23. The vascular system
24. Atherosclerosis and lipid metabolism
25. Haemostasis and thrombosis
26. Haemopoietic system
27. Anti-inflammatory and immunosuppressant drugs
28. Skin
29. Respiratory system
30. The Kidney and urinary system

31. The Gastrointestinal tract
32. The control of blood glucose and drug treatment of diabetes mellitus
33. Obesity
34. The Pituitary and the adrenal cortex
35. Thyroid
36. The reproductive system
37. Bone metabolism

#### **Section 4. Nervous System**

38. Chemical transmission and drug action in the nervous system
39. Amino acid transmitters
40. Other transmitters and modulators
41. Neurodegenerative diseases
42. General anaesthetic agents
43. Analgesic drugs
44. Local anaesthetics and other drugs affecting sodium channels
45. Anxiolytic and hypnotic drugs
46. Antiepileptic drugs
47. Antipsychotic drugs
48. Antidepressant drugs
49. CNS stimulants and psychotomimetic drugs
50. Drug addiction, dependence and abuse

#### **Section 5. Drugs used for the treatment of infections and cancer**

51. Basic principles of antimicrobial chemotherapy
52. Antibacterial drugs
53. Antiviral drugs
54. Antifungal drugs
55. Antiprotozoal drugs
56. Anthelmintic drugs
57. Anti-cancer drugs

#### **Section 6. Special Topics**

58. Harmful effects of drugs
59. Lifestyle drugs and drugs in sport
60. Drug discovery and development

#### **Author Information:**

By **James M Ritter** DPhil FRCP HonFBPhS FMedSci, Emeritus Professor of Clinical Pharmacology, King's College London, Fellow Commoner, Trinity Hall, CUC (GSK), Addenbrooke's Hospital Cambridge, UK **Rod Flower** PhD LLD DSc FBPhS FMedSci FRS, Emeritus Professor of Pharmacology, Bart's and the London School of Medicine, Queen Mary, University of London, London, UK **Graeme Henderson** PhD, FRSB, Hon FBPhS, Professor of Pharmacology, University of Bristol, Bristol, UK **Yoon Kong Loke** MBBS MD FRCP HonFBPhS, Professor of Medicine and Pharmacology, Norwich Medical School, University of East Anglia, Norwich, UK **David J. MacEwan** BSc (Hons), PhD, FRSB, FBPhS, Professor of Molecular Pharmacology, Toxicology & Head of Department, Department of Molecular and Clinical Pharmacology, University of Liverpool, Liverpool, UK **Humphrey Rang** MB BS MSc MA DPhil HonFBPhS FMedSci FRS, Emeritus Professor of Pharmacology, University College London, London, UK

**LIBRERIA MEDICA BERRI 2025 ©**

Dirección: Ald. Urquijo, 35 48010 Bilbao | Tlf.: 94 444 22 85 | Fax: 94 410 07 20 | [libros@berri.es](mailto:libros@berri.es) | [www.berri.es](http://www.berri.es)