

Contents

<i>Foreword by Alka Bansal</i>	v
<i>Foreword by Punam Jakhar</i>	vii
<i>Preface</i>	ix
1. General Pharmacology	1
1.1 General pharmacology: Overview and receptors	2
1.2 Drug: Nature, sources and nomenclature	3
1.3 Routes of drug administration	4
1.4 Pharmacokinetics	5
1.5 Pharmacodynamics	6
Introduction	6
Drug antagonism and drug receptor interaction	7
1.6 Pharmacovigilance and drug development	8
2. Autonomic Nervous System	9
2.1 Overview of autonomic nervous system	10
2.2 Cholinergic drugs	11
2.3 Anticholinergic drugs	12
2.4 Adrenergic drugs	13
2.5 Antiadrenergic drugs	14
3. Autacoids	15
3.1 Overview of autacoids	16
3.2 Antihistaminic drugs	17
3.3 Serotonin and related drugs	18
3.4 Nonsteroidal anti-inflammatory drugs	19
4. Cardiovascular System	21
4.1 Drugs for heart failure	22
4.2 Antianginal drugs	23
4.3 Antiarrhythmic drugs	24
4.4 Antihypertensive drugs	25
4.5 Drugs for dyslipidemia	26
4.6 Newer drugs for dyslipidemia	27
4.7 Drugs for pulmonary hypertension	28
5. Renal System	29
5.1 Diuretics	30
6. Respiratory System	31
6.1 Drugs for bronchial asthma:	
Bronchodilators	32
Others	33
6.2 Drugs for cough	34
7. Gastrointestinal System	35
7.1 Drugs for peptic ulcer and reflux disease	36
7.2 Antiemetic and prokinetic drugs	37
7.3 Antidiarrheal drugs	38
7.4 Drugs for constipation and bowel cleaning: Laxatives and purgatives	40
8. Central Nervous System	41
8.1 Sedative hypnotics drugs	42
8.2 Antiepileptic drugs	43
8.3 Drugs for neurodegenerative disorders	45
8.4 Drugs for anaesthesia	46
8.5 Skeletal muscle relaxants	47
8.6 Opioids	48
9. Endocrine System	49
9.1 Growth hormone related drugs	50
9.2 Drugs for thyroid disorders	51
9.3 Antidiabetic drugs:	
Drugs releasing insulin	52
Other mechanisms	53
9.4 Insulin	54
9.5 Corticosteroids	55
9.6 Drugs for osteoporosis	56
10. Blood	57
10.1 Antiplatelet drugs	58
10.2 Hematopoietic agents	59
10.3 Oral anticoagulants	60
10.4 Parenteral anticoagulants	61
10.5 Thrombolytic drugs	62
11. Chemotherapeutics	63
11.1 Anticancer drugs	64
12. Immunomodulator	65
12. Type you text immunosuppressant drugs	66
13. Antimicrobials	67
13.1 Overview of antibacterial drugs	68
13.2 Beta-lactams	69
13.3 Antitubercular drugs	71
13.4 Antileprotic drugs	72
13.5 Antiviral drugs: Nonretroviral	73
13.6 Antiviral drugs: Antiretroviral	74
13.7 Antifungal drugs	76
13.8 Antihelminthic drugs	77
13.9 Antimalarial drugs	78
13.10 Antimicrobial: Overview	80