

CONTENTS

<i>Forewords</i>	(vii, ix & xi)
<i>Preface</i>	(xiii)
<i>List of Contributors</i>	(xv)

SECTION – I

1. Essential Medicines	3
- Bikash Medhi	
2. Medication Errors	12
- Mukesh Nandave, Sharonjeet Kaur and Bikash Medhi	
3. Chronopharmacology: Diurnal Variation of Drug Action	35
- Mukesh Nandave, Dhaval Patel, Ameer Chandarana and Ajay Prakash	
4. Over the Counter (OTC) Drugs	50
- Pawan K. Singh and Ajay Prakash	
5. Rational use of Drugs	61
- Sudhir C. Sarangi and Bikash Medhi	
6. Self-Medication	73
- Pawan K. Singh and Bikash Medhi	
7. Drug Information Unit (DIU)	80
- Vishal R Tandon, Zahid Gillani and Vijay Khajuria	
8. Drug Compliance	92
- Sree Lalitha Bojja and Bikash Medhi	
9. Direct-to-Consumer Advertising: Benefaction or Affliction	101
- Vipin Arora, Anurag Kuhad, Anand K. Sachdeva and Kanwaljit Chopra	
10. Orphan Drugs: from Development to Market	110
- Puneet Dhamija and Ajay Prakash	
11. Drug Label	118
- Rakesh K. Sewal and Bikash Medhi	

12. P-Drug	131
- Seema Bansal and Kanwaljit Chopra	
13. Drug Price	138
- Baldeep Kumar and Bikash Medhi	
14. Clinical Relevance of Drug Isomerism (Enantiopure Drugs)	155
- Ajay Prakash and Bikash Medhi	
15. Counterfeit Medicines	169
- Dibbanti HariKrishna Reddy, Shubham Misra and Bikash Medhi	
16. Drug and Sports	179
- Baldeep Kumar and Bikash Medhi	
17. Expired Drugs	192
- Rakesh K. Sewal, Pooja Sarotra and Bikash Medhi	
18. Drug Lag	203
- Rahul Singh, Ajay Prakash and Bikash Medhi	
19. Drug Policy-Different States in India	212
- Subham Misra and Bikash Medhi	
20. Narcotics	226
- Pooja Sarotra and Bikash Medhi	
21. Drug and Off-Label Use	242
- Navjot Kaur and Bikash Medhi	

SECTION – II

22. Drugs used in Pregnancy	253
- Sudhir C. Sarangi and Bikash Medhi	
23. Drugs Uses in Pediatrics	271
- Sudhir C. Sarangi and Bikash Medhi	
24. Drugs Uses in Geriatrics	291
- Sudhir C. Sarangi and Bikash Medhi	

25. Drug and Hepatic Dysfunction	307
- Razia Adam and Bikash Medhi	
26. Drug and Renal Dysfunction	313
- Puneet Dhamija and Bikash Medhi	
27. Drug and Malnutrition	320
- Sudhir C. Sarangi, Bikash Medhi and Ajay Prakash	
28. Clinical Implication of Fixed Dose Combinations (FDC)	337
- Ajay Prakash and Bikash Medhi	
29. Drug-Drug Interactions	341
- Mukesh Nandave and Bikash Medhi	
30. Natural Products and Drug Interaction	362
- Shweta Sinha, Rahul Singh, Ajay Prakash and Bikash Medhi	
31. Clinical Relevance to Drug Interactions	381
- Sudhir C. Sarangi and Bikash Medhi	
32. Antibiotic Prophylaxis in Surgery	408
- Vishal Kumar, Jyotsna Rani and Uttam Saini	

SECTION – III

33. Regenerative Medicine	423
- Rakesh K. Ruhela, Ajay Prakash and Bikash Medhi	
34. Nanomedicines	436
- Shubham Misra, Ajay Prakash and Bikash Medhi	
35. Computer Aided Drug Discovery (CADD): A QSAR Approach	450
- Sanjay Singh, Adeel Malik and Ahmad Firoz	
36. Electronic Prescribing (eRx)	476
- Sudhir C. Sarangi and Bikash Medhi	

37. Medication Reconciliation	483
- Sharonjeet Kaur, Ajay Prakash and Bikash Medhi	
38. Tools for Patient Safety: Pharmacovigilance, Biovigilance, Materiovigilance	491
- Rakesh K. Sewal and Bikash Medhi	
39. Biologics and Biosimilars	506
- Rakesh K. Ruhela, Ajay Prakash and Bikash Medhi	
Index	523
