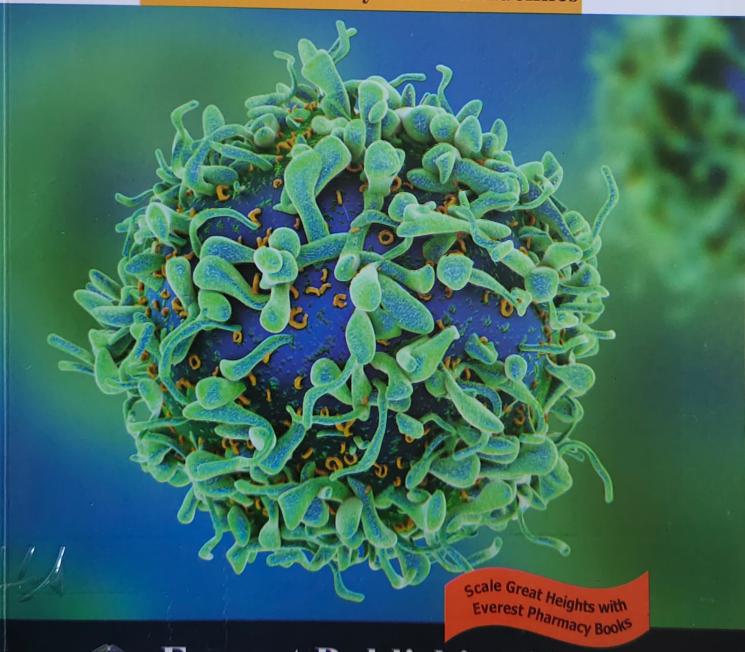


A TEXTBOOK OF PHARMACOLOGY III

Dr. T. Balasubramanian | Dr. Karthikeyan M. | Ashish Chourasia

As per PCI New Syllabus Guidelines





Everest Publishing House

Our Faith in Excellence is a Guarantee of your Success



Chapter No.	Content	Page No.	
UNIT I			
1.	Pharmacology of drugs acting on Respiratory System	1	
A.	Anti-asthmatic Drugs	1	
В.	Drugs used in the management of COPD	5	
C.	Expectorants and antitussives	7	
D.	Nasal Decongestants	10	
E.	Respiratory Stimulants	11	
2.	Pharmacology of drugs acting on the Gastrointestinal Tract	12	
Α.	Antiulcer agents	12	
В.	Drugs for constipation and diarrhoea	18	
C.	Appetite stimulants and suppressants	22	
D.	Digestants and carminatives	24	
E.	Emetics and anti-emetics	25	
	Questions for evaluation	28	
	UNIT II		
3.	Chemotherapy	30	
Α.	General principles of chemotherapy	30	
B.	Sulfonamides and Cotrimoxazole	35	

C.	Antibiotics	43
	Questions for evaluation	85
	UNIT III	
4.	Chemotherapy	87
A.	Antitubercular agent	87
B.	Antileprotic agent	93
C.	Antifungal agent	96
D.	Antiviral drugs	101
E.	Anthelmintics	105
F.	Antimalarial drugs	108
G.	Antiamoebic agents	113
750	Questions for evaluation	116
-	UNIT IV	
5.	Chemotherapy	117
A.	UTI and STD	117
B.	Chemotherapy of malignancy	126
6.	Immunopharmacology	145
A.	Cytotoxic and Immunosuppressant	145
B.	Immunostimulants	157
100	Questions for evaluation	162
A	UNIT V	SENC T
7.	Toxicology	164
1	General Principles of Toxicology	164
8.	Chronopharmacology	193
	General Principles of Chronopharmacology	193
	Questions for evaluation	201
	Everest Pharmacy Books List	203
	Bibliography	207
	How to Buy Everest Pharmacy Books	208

About Everest's Prestigious Authors



Dr. T. Balasubramanian is currently working as a Professor and Head of the department, pharmacology, Al Shifa College of Pharmacy, Kerala. He completed his Ph.D and M.Pharmacy from Jadavpur University, Kolkatta, B.Pharmacy from J.S.S College of Pharmacy, Ooty, B.Sc., (Zoology) from N.G.M. College of Pharmacy, Pollachi, Tamilnadu. He worked as professor at Bharathi College of Pharmacy. Mandya, Karnataka. He is the approved guide for Ph,D in Pharmacology at KUHS, Kerala and Singhania Univercity, Rajastan. He is having 29 years of teaching and research experience. He contributed to more than 40 publications in reputed journals; lots of paper presentations in various conferences. He has guided more than 30 UG and PG students, and 3 Ph.D scholars. He has authored two books and one chapter in a

book. He is also a reviewer in many reputed Journals. His research interest is development of antidiabetic drugs from medicinal plants. He is also involved in the organization and co-ordination of AICTE and PCI funded seminars and other workshops.



Dr. Karthikeyan M. is an Associate Professor of Pharmacology at Ashokrao Mane College of Pharmacy. Kolhapur, Maharashtra. He obtained his D.Pharmacy from Directorate of Medical Education, Chennai, Tamil Nadu, D.S.M from Siddha Research Institute, Chennai, Tamil Nadu, B.Pharmacy from The Tamil Nadu Dr. MGR Medical University, Chennai, Tamil Nadu, M. Pharmacy from SRM University, Chennai, Tamil Nadu and Ph.D. in Pharmacology from Singhania University, Rajasthan. He has 13 years of teaching and research experience. He has guided B.Pharm, M.Pharm and Pharm.D students. His area of interest is in drug discovery from natural products for cardiovascular diseases, inflammatory diseases and cancer. He has published 41 research and review articles in national and international journals. He has

authored one book entitled Experimental Pharmacology and Book chapter. He has presented papers in various national conferences. He served as joint secretary for the Pharmaceutical and Biological Society, India. He is a member of the Indian Hospital Pharmacist Association (IHPA), World Association of Medical Editors (WAME), USA, Asian Pacific Association of Medical Editors (APAME) and Science Advisory Board (SAB). He served as editors for various national and International Journals. He received the South Indian ASDF best circuit faculty awards in 2018. He has organized workshops in animal handling and national level conferences. He has received grants from Indian Council of Medical Research and Kerala State Council for Science, Technology and Environment.



Ashish Chourasia is currently working as an Associate Professor of Pharmacology at NRI Institute of Pharmaceutical Sciences, Bhopal. He has completed his B.Pharmacy and M.Pharmacy from Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal, Madhya Pradesh.

He is GATE qualified. He has authored one book. His area of interest is phytopharmacology and animal welfare. He has an experience of more than 08 years in experimental pharmacology. He has guided several UG/PG students in their research project and published several research papers in various national and international journals. He has attended several state level and national

seminars/conferences in the field of pharmaceutical sciences.

He is a registered pharmacist of Madhya Pradesh State Pharmacy Council, Bhopal. He is a well known member of Association of Pharmaceutical Teachers of India (APTI), Indian Pharmacological Society (IPS) and Society for Ethnopharmacology (SFE-INDIA). Currently, he is pursuing Ph.D. from School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore, Madhya Pradesh.

Ask for Everest Pharmacy Books exclusively for All India Pharmacy Students and Professors WhatsApp +91 9822024092 / +91 8550938633 / +91 9822546363

OR Email on everestpune@yahoo.co.in



Like us on Everest Publishing House

ISBN: 978 81 7660 369 0



Everest Publishing House

www.everestpublishinghouse.com