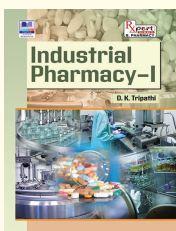


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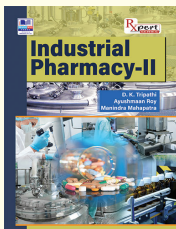
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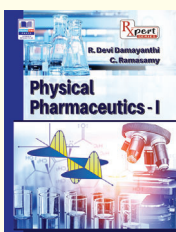
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Manindra Mahapatra

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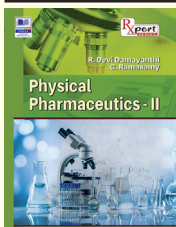
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R. Devi Damayanthi,
C. Ramasamy

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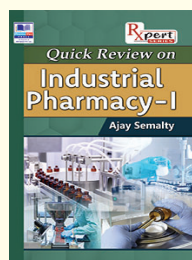
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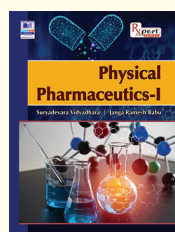
Ajay Semalty

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3. Preformulation-I Solubility Profile (Solubility, pH and pKa) 4. Preformulation-I Partition Coefficient & Flow Properties 5. Preformulation-II Hydrolysis, Oxidation, Reduction 6. Preformulation-II Racemization 7. Preformulation-II Dissolution, Permeability and BCS 8. Preformulation-II Polymerization 9. Tablets-I Introduction 10. Tablets-II Manufacturing Tablets 11. Tablets-III Tablet Coating 12. Tablets-IV QC of Tablets 13. Liquid Orals (Syrups and Elixirs) 14. Emulsion-I (Introduction Theories and Identification Tests) 15. Emulsion-II (Formulations of Emulsions) 16. Suspension Dosage Form 17. Parenterals-I (Introduction: Preformulation of Parenterals) 18. Parenterals-I (Formulation of Parenterals) 19. Parenterals-I (Types of Parenteral Preparations) 20. Parenterals-I (Plant lay out for Parenterals) 21. Parenterals-II (Pyrogens and Pyrogenicity) 22. Parenterals-II (Sterility Test and Sterilization) 23. Capsule-I 24. Capsule-II 25. Capsule-III 26. Capsule-IV 27. Pellets & Pelletization 28. Ophthalmic Preparations Introduction, Absorption through Eye, Formulation Considerations 29. Ophthalmic Preparations Dosage Form 30. Ophthalmic Preparations Dosage Form 31. Pharmaceutical Aerosols-I 32. Pharmaceutical Aerosols-II (Components of Aerosols) 33. Pharmaceutical Aerosols-III (Components and Systems of Aerosols) 34. Pharmaceutical Aerosols-IV (Inhalers and Evaluation of Aerosols) 35. Cosmetics-I 36. Cosmetics-II (Sunscreen Preparations and Dentifrices) 37. Cosmetics-III Shampoo, Hair Dye and Lipstick 38. Packaging Materials Science-I Materials 39. Packaging Materials Science-II Official Requirements & Stability Aspects 40. Packaging Materials Science-III QC Tests of Packaging Materials



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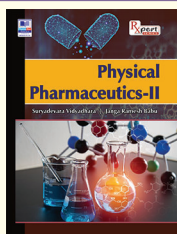
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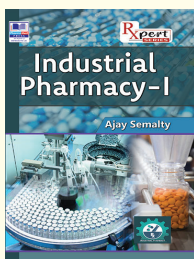
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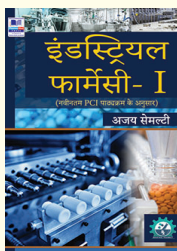
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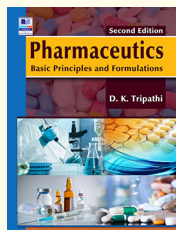
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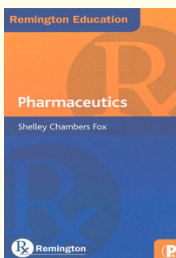
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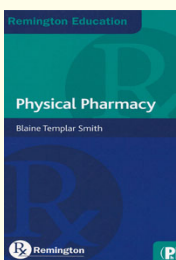


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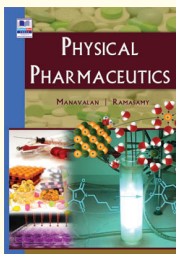


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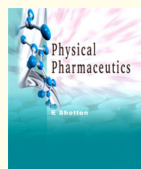
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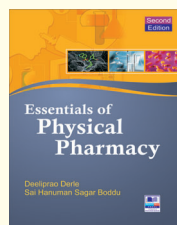
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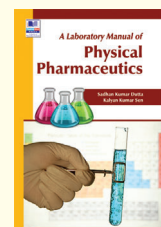
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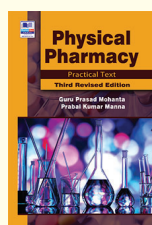
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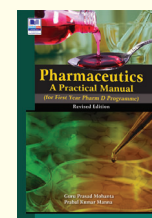
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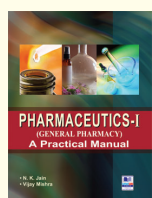
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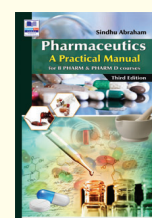
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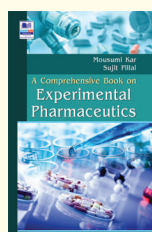


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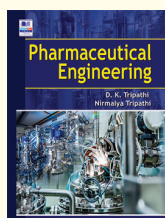
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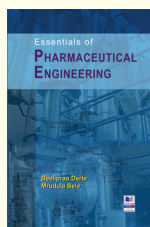
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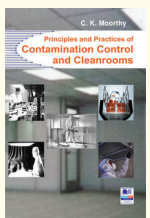
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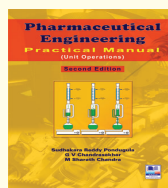
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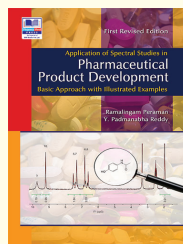


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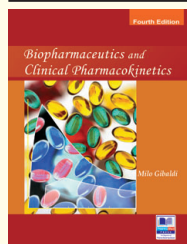
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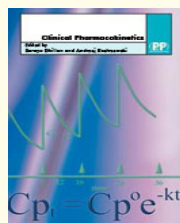
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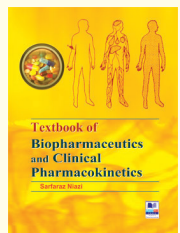
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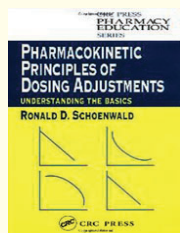
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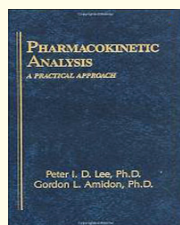
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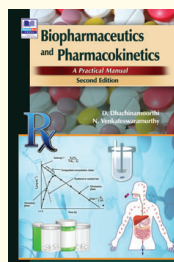
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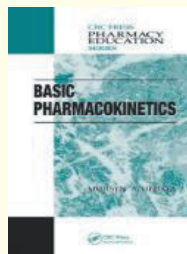
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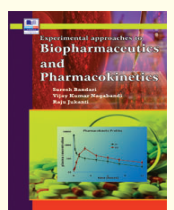
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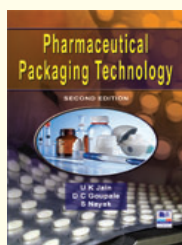
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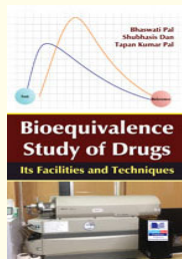
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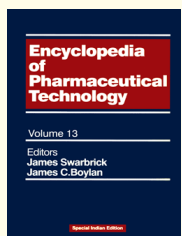
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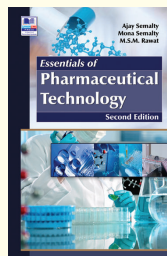


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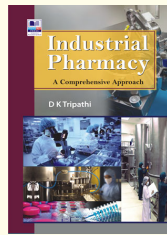
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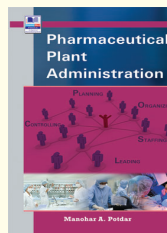
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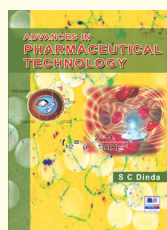


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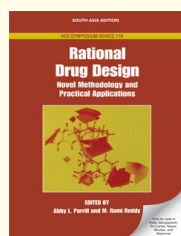
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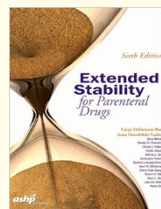


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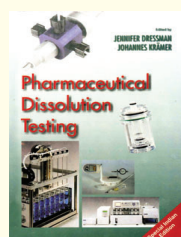


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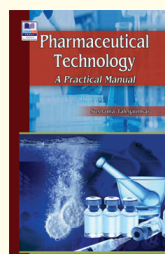
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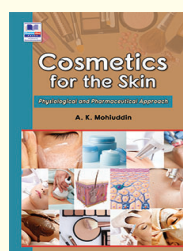
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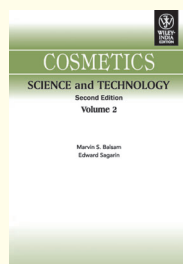


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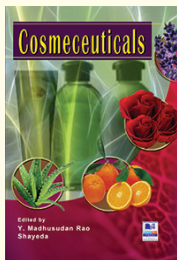
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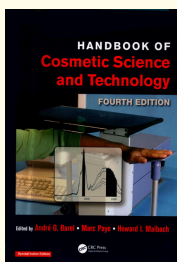


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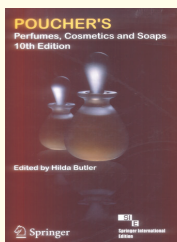
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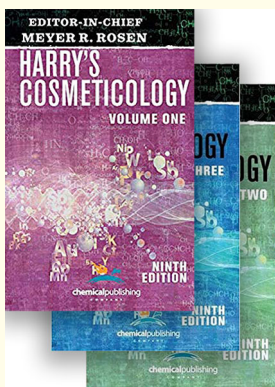
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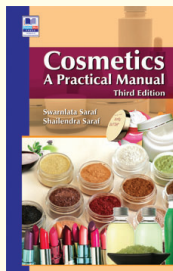
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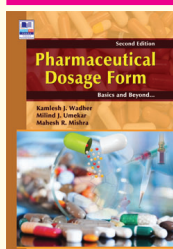
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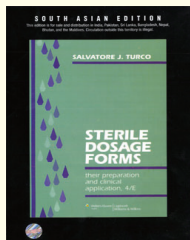
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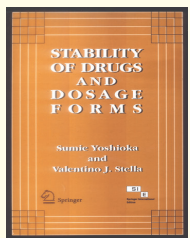
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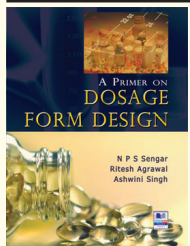


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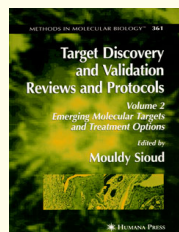


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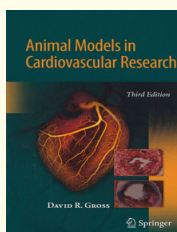
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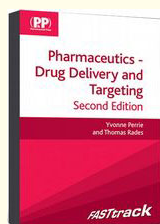
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Contents: 1. General Principles of Animal Selection and Normal Physiological Values 2. Preanesthesia, Anesthesia, Chemical Restraint, and the Recognition and Treatment of Pain and Distress 3. Normal Cardiac Function Parameters 4. Measuring Cardiac Function 5. Measuring Vascular Function and Ventricular/Arterial Coupling Dynamics 6. Isolated Heart Preparations, Problems, and Pitfalls 7. Cardiovascular Effects of Anesthetics, Sedatives, Postoperative Analgesic Agents, and Other Pharmaceuticals 8. Naturally Occurring and Iatrogenic Animal Models of Valvular, Infectious, and Arrhythmic Cardiovascular Disease 9. Iatrogenic Models of Ischemic Heart Disease 10. Iatrogenic, Transgenic, and Naturally Occurring Models of Cardiomyopathy and Heart Failure 11. Iatrogenic, Congenic, and Transgenic Models of Hypertension 12. Naturally Occurring, Iatrogenic and Transgenic Models of Atherosclerotic Disease 13. Animal Models for the Study of Neurohumeral and Central Neural Control of the Cardiovascular System 14. Other Transgenic Animal Models Used in Cardiovascular Studies

Rpt. 2019 | 9781493991907 | 457pp | BSPSPR | HB | Rs. 3495.00



Pharmaceutics - Drug Delivery and Targeting, 2nd Ed.

Perrie, Yvonne; Rades, Thomas

2012 | 9780857110596 | BSPPHP
252 pp | PB | Rs. 1995.00



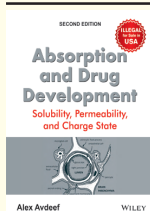
Computational and Structural Approaches to Drug Delivery Ligand-Protein Interactions

Robert M. Stroud, Janet Finer-Moore

PCI Recommended MPC203T

Contents: 1. Facing the wall in Computationally Based on Approaches to Drug Discovery 2. The Changing Landscape in Drug Discovery 3. Purine Nucleoside Phosphorylase 4. Application and Limitation of X-Ray Crystallographic Data in Structure-Guided Ligand and Drug Design 5. Dealing with Bound Waters in a Site: Do they Leave or Stay? 6. Knowledge-Based Methods in structure-Based Design 7. Combating Drug Resistance – Identifying Resilient Molecular 8. Docking Algorithms and Scoring Functions; State-of-the-Art 9. Application of Docking Methods to Structure-Based Drug Design 10. Strength in Flexibility: Modeling Side-Chain Conformational Change in Docking and Screening 11. Avoiding the Rigid Regulator: Side-Chain Rotamers 12. Computational Prediction of Aqueous Solubility, Oral Bioavailability, P450 Activity and hERG Channel 13. Shadows on Screens 14. Iterative Docking Strategies for Virtual Ligand Screening 15. Challenges and Progresses in Calculations of Binding Free Energies – What Does it Take to Quantify Electrostatic Contributions to Protein-Ligand Interactions? 16. Discovery and Extrapolation of Fragment Structures towards Drug Design 17. A Link Means a Lot: Disulfide Tethering in Structure-Based Drug Design The Impact of Protein Kinase Structures on Drug Discovery

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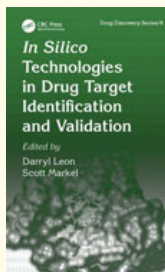
Absorption and Drug Development Solubility, Permeability, and Charge State

Alex Avdeef

PCI Recommended MPH202 | MIP201

Contents: 1. Introduction 2. Transport Model 3. pKa Determination 4. Octanol-Water Partitioning 5. Liposome-Water Partitioning 6. Solubility 7. Permeability—PAMPA 8. Permeability: Caco-2/MDCK 9. Permeability: Blood-Brain Barrier 10. Summary and Some Simple Approximations

Rpt. 2018 | 9788126577613 | BSPJB | 744 pp | HB | Rs. 5995.00



In Silico Technologies in Drug Target Identification and Validation

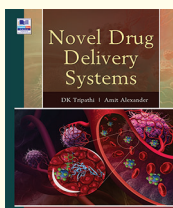
Darryl Leon and Scott Markel

PCI Recommended MPL203

Contents: Part I: Target Identification 1. Introduction 2. Pattern Matching 3. Tools for Computational Protein Annotation and Functional Assignment 4. The Impact of Genetic Variation on Drug Discovery and Development 5. Mining of Gene Expression Data Part II: Target Validation 6. Text Mining 7. Pathways and Networks 8. Molecular Interactions: Learning from Protein Complexes 9. In Silico siRNA Design 10. Predicting Protein Subcellular Localization Using Intelligent Systems 11. Three-Dimensional Structures in Target Discovery and Validation Part III: Recent Trends 12. Comparative Genomics 13. Pharmacogenomics 14. Target Identification and Validation Using Human Simulation Models 15. Using Protein Targets for In Silico Structure-Based Drug Discovery Part IV: Computational Infrastructure 16. Database Management 17. BioIT Hardware Configuration 18. BioIT Architecture: Software Architecture for Bioinformatics Research 19. Workflows and Data Pipelines 20. Ontologies

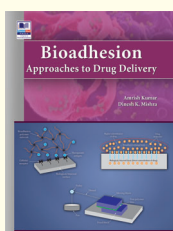
Rpt. 2021 | 9781138387515 | BSPCRC | 504 pp | HB | * Rs. 3495.00

DRUG DELIVERY

**Novel Drug Delivery Systems****Dulal Krishna Tripathi**

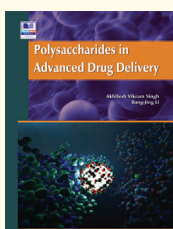
Contents: 1. Controlled Drug Delivery Systems 2. Polymers 3. Microencapsulation 4. Mucosal Drug Delivery System 5. Implantable Drug Delivery Systems 6. Transdermal Drug Delivery Systems 7. Gastroretentive Drug Delivery Systems 8. Nasopulmonary Drug Delivery System 9. Nanotechnology And Its Concepts 10. Ocular Drug Delivery Systems 11. Intrauterine Drug Delivery Systems

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Contents: 1. Introduction to Bioadhesive Drug Delivery, 2. Basic Concepts of Bioadhesion, 3. Bioadhesive Polymers, 4. Bioadhesive Drug Delivery System, 5. Evaluation of Bioadhesive Formulations, 6. Bioadhesive Nanoparticles, 7. Bioadhesive Microspheres, 8. Bioadhesive Nanogels, 9. Bioadhesive Patches/Films.

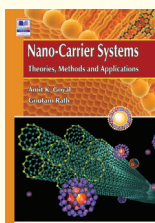
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**Polysaccharides in Advanced Drug Delivery****Akhilesh Vikram Singh and Bang-Jing Li**

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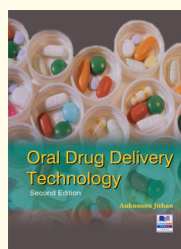
Application to Carragennans 4. Konjac Polysaccharide for Drug Delivery 5. Chitosan and Modified Chitosans for Drug Delivery Application 6. Alginate, Its Chemistry and Applications in Advanced Drug Delivery 7. Polysaccharides used for Microencapsulation Processes 8. Polysaccharides used in Nanoparticle based Drug Delivery Formulations

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**Oral Drug Delivery Technology, 2nd Ed.****Aukunuru Jithan**

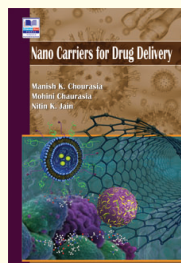
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**Oral Modified Release Drug Delivery Systems****Piush Khare, Mohini Chaurasia and Sarvesh K Paliwal**

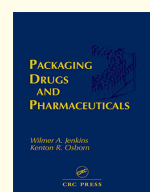
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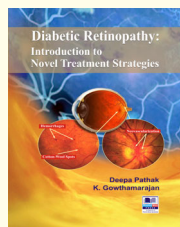
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DRUG DELIVERY



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Deepa Pathak and K. Gowthamarajan

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Treatments 5. Various Ocular Drug Delivery Systems 6. Novel Strategies for the Treatment of Diabetic Retinopathy 7. Future Prospective

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Models for Assessing Drug Absorption and Metabolism

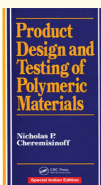
Models for Assessing Drug Absorption and Metabolism

Borchardt, Ronald T., Smith, Philip L. and Wilson, Glynn (Eds.)

Contents: 1. General Principles in the Characterization and Use of Model Systems for Biopharmaceutical Studies 2. Methods for Evaluating Intestinal Permeability and Metabolism in vitro; 3. Cultured intestinal Epithelial Cell Models 4. Intestinal Rings and Isolated Intestinal Mucosal Cells 5. Models of Drug Absorption in situ and in Conscious

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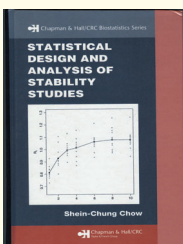
Product Design and Testing of Polymeric Materials

Nicholas P. Chezerisionoff

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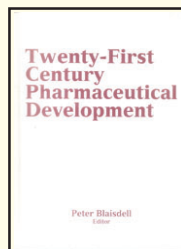


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Shein-Chung Chow

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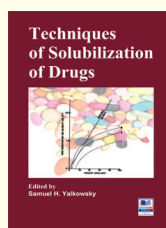
21st Century Pharmaceutical Development

Peter Blaisdell

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Techniques of Solubilization of Drugs

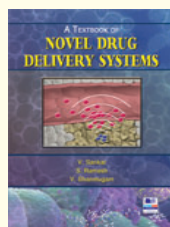
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Yalkowsky Samuel H.

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Contents: 1. Solubility and Solubilization of Nonelectrolytes 2. Drug Solubilization in Surfactant Systems 3. Solubilization of Drugs by cosolvents 4. Alteration of Apparent Solubility through Complexation 5. Solubilization by Solid-State Manipulation 6. Drug Derivation as a Means of Solubilization: Physicochemical and Biochemical Strategies

2011 | 9789381075036 | BSPPMP | 224 pp | HB | Rs. 1995.00

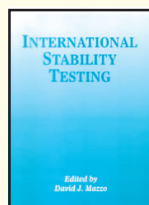


A Textbook of Novel Drug Delivery Systems

V. Shankar, S. Ramesh and V. Shanmugan

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David J. Mazzo

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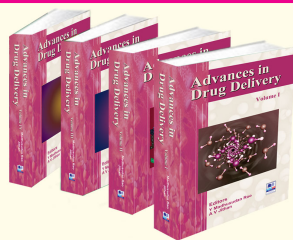


Microencapsulation: Methods and Industrial Applications

Simon Benita

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DRUG DELIVERY



Advances in Drug Delivery

Y. Madhusudan Rao, A V Jithan and Shraavan Yamsani

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Advances in drug delivery is a very specialized area of pharmaceuticals where in the principles and technologies applied in the formulation and development, are emerging and progressing. Advances in Drug Delivery incorporates latest information regarding various subjects of drug delivery. Drug delivery is a broad term encompassing various means of achieving optimum drug reach to the target tissue, cell or the receptor. Several preformulation, formulation, biopharmaceutical, targeting and pharmacokinetic principles are applied in drug delivery. Research and development in drug delivery is increasing at a rapid pace throughout the world. The need for increased efficiency of new therapies and reduction in future public health expenses will definitely bolster this area of research and development. In order to meet this demand, many well known and efficiently applied drugs will be reformulated in new drug delivery systems that can

be value-added for optimized therapeutic activity. Further, several new molecules are being generated by medicinal chemists and their formulation is not any more empirical but it is now very systematic. The aim of book is to enlighten pharmaceutical scientists all around the world with latest information on the topics which are involved in cutting edge growth of pharma research and industry.

Highlights

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- Included a chapter on oral disintegrating tablets - a value addition product
- Caters to all those who aim to achieve higher objectives in drug delivery

About the Editors

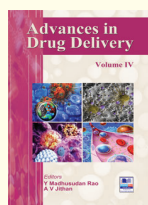
Prof. Y. Madhusudan Rao, M.Pharm, Ph.D is currently working as senior professor in University College of Pharmaceutical Sciences, Kakatiya University, Warangal. He with 35 years of experience in teaching and research, 155 research publications, 15 review articles, guided 27 scholars for Ph.D, is having 6 national and 1 international patent. He taught cosmetic technology for B.Pharm and M.Pharm students for more than 13 years. He guided the research work for 3 students at M.Pharm and 1 student for Ph.D in the field of Cosmetics and Cosmeceuticals. He acted as consultant to many industries producing cosmetics and few of the products developed are commercialized and launched. A few more cosmetic products are to be launched this year. Apart from his interest in cosmetics, he has considerable experience and publications in Novel drug delivery systems, Biopharmaceutics and Pharmacokinetics. He received research projects from various funding agencies.

A. V. Jithan, Ph.D. is currently working as General Manager, Complex Injectables, Mankind Research Center, IMT Manesar. Dr. Jithan is a recipient of several awards and medals in his entire academic career. He has authored a textbook for M.Pharm. Students with the title: Oral Drug Delivery Technology published by PharmaMed Press, Hyderabad. He has guided number of M.Pharm students and currently guiding Ph.D. candidates. He has 50 peer reviewed publications. He is a recipient of SERC-Fast track grant from DST India.

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Y. Madhusudan Rao and Shraavan Yamsani

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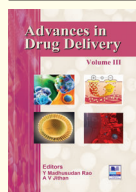


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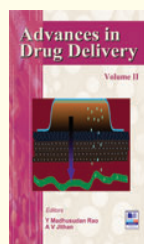
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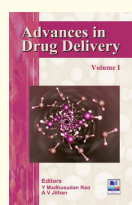
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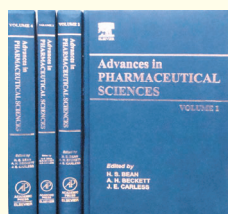
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Advances in Drug Delivery, Volume – I

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H.S.Bean, A.H. Beckektt and J.E.Carless, Chelsea College of Science and Technology, London.

PCI Recommended MPH103

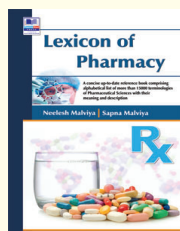
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Considerable progress has been made during the last one or two decades in the field of pharmaceuticals, and yet there is still very little literature dealing specifically with the area of knowledge. Undoubtedly this because pharmaceuticals embraces a wide range of disciplines, and much information of value to the pharmacist appears in journals having no obvious connection with pharmacy. The aim of this set is to concentrate on areas of specific interest to the pharmaceuticals; for example, this will consider the physical aspects of pharmaceuticals, pharmaceutical microbiology and the influence of formulation on product stability and efficacy. The articles will be an appraisal of a subject rather than a mere factual abstraction of the literature. The authors are experts in their field and have been encouraged to include the results of their experience.

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DISPENSING PHARMACY

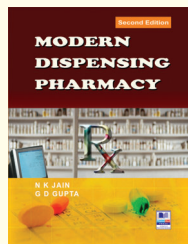


Lexicon of Pharmacy: A Concise up-to-date reference

Neelesh Malviya, Sapna Malviya

Contents: Lexicon of Pharmacy Appendix 1: Abbreviations Appendix 2: Laws Related to Pharmaceutical Fields Appendix 3: Apothecary & Metric and Other Conversion Equivalents

2019 | 9789387593350 | 586pp | PB | Rs. 375.00

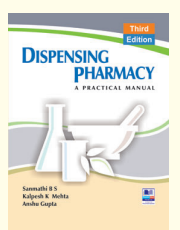


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N. K. Jain and G. D. Gupta

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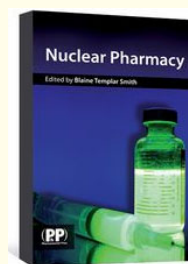
Rpt. 2023 | 9788188449866 | BSPPMP | 372 pp | PB |* Rs. 550.00



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B. S. Sanmathi, Kalpesh K. Mehta and Anshu Gupta

Rpt. 2022 | 9788188449231 | BSPPMP
614 pp | PB | Rs. 550.00

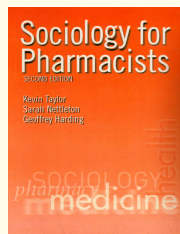


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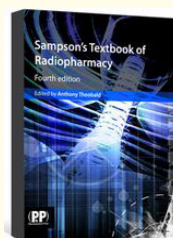
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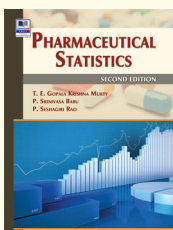
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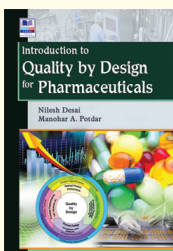
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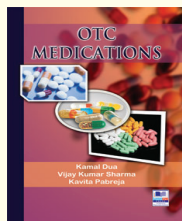
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