Pharmaceutical Statistics

Gopala Krishnamurti, Srinivas Babu and Sheshagiri Rao

Books covering pharmaceutical sciences combined with statistics are not available in the market. To overcome this setback, this book is authored in a detailed and easy to understand manner incorporating the updated information containing the following features:

- Syllabus prescribed for B.Pharm & M.Pharm students is covered in detail
- The application of pharmaceutical statistics to research and clinical evaluation
- Prime importance is given to the creation of tables and graphs
- Data presentation, inferential tests such as parametric and nonparametric methods, regression and correlation factors are presented lucidly
- The importance of ANOVA in statistical designs used in pharmaceutical research
- Introduction of elementary concepts of the design and analysis of factorial designs
- Optimization techniques with suitable examples
- The important designs and their applications predominantly used in controlled clinical studies
- Application of statistics in quality control


Biopharmaceutics and Pharmacokinetics, 2nd Ed.

V. Venkateswarlu


Textbook of Biopharmaceutics and Clinical Pharmacokinetics

Niazi Sarfaraz


Pharmaceutical Packaging Technology, 2nd Ed.

U. K. Jain, D. C. Goupale and S. Nayak


Essentials of Physical Pharmacy, 2nd Ed.

Derle Deeliprao V. and Sai Hanuman Sagar Boddu

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Advances in Drug Delivery

Y. Madhusudan Rao and A V Jithan

Advances in drug delivery is a very specialized area of pharmaceutics 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

• A chapter on hot melt extrusion is included
• 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 has 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.


Contents: NEW


Contents: NEW

Cosmeceuticals

Y. Madhusudan Rao and Shayeda

In cosmetic industries most of the details are kept as secrets and are not fully disclosed. Herbal and Natural Cosmetics and Cosmeceuticals are not discussed properly and very few literatures are available. The evaluation part of the products are mostly not disclosed. This book covers regulatory aspects of Cosmeceuticals in various countries including India. Regulatory aspects also differ in various countries as far as Cosmeceuticals is interpreted differently. In some countries they are equated as Cosmetics, in others they are considered as OTC drugs/drugs. The author has been associated with teaching and research field of cosmetics for more than 30 years. He acted as consultant to many industries producing cosmetics. This book is useful for students of pharmacy (under graduate and post graduate), teachers and people in cosmetic industry and allied fields.


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Visit our website: www.bspbooks.net www.pharmamedpress.com
Oral Drug Delivery Technology, 2nd Ed.

Aukunuru Jithan

- The structure of the book is revamped to give a more elegant look and comprehensive overview. Several chapters have been revised and expanded to provide greater insight.
- The entire chapter on oral formulations has been given a totally new look. Description of all types of oral formulations has been included in this one chapter.
- A chapter on process validation has been added.
- Chapters on safety and toxicity of new drug substances and Pharmaceutical statistics have been deleted to bring more attention to pharmaceutics and industrial pharmacy.


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Volume 7, 2014 (April, July, October, January) ISSN: 0975-3278

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