Pharmacometrics: The Science of Quantitative Pharmacology
Ene I. Ette (Editor), Paul J. Williams (Editor)

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DESCRIPTION

Pharmacometrics is the science of interpreting and describing pharmacology in a quantitative fashion. The pharmaceutical industry is integrating pharmacometrics into its drug development program, but there is a lack of and need for experienced pharmacometricians since fewer and fewer academic programs exist to train them. Pharmacometrics: The Science of Quantitative Pharmacology lays out the science of pharmacometrics and its application to drug development, evaluation, and patient pharmacotherapy, providing a comprehensive set of tools for the training and development of pharmacometricians.

Edited and written by key leaders in the field, this flagship text on pharmacometrics:

• Integrates theory and practice to let the reader apply principles and concepts.

• Provides a comprehensive set of tools for training and developing expertise in the pharmacometric field.

• Is unique in including computer code information with the examples.

This volume is an invaluable resource for all pharmacometricians, statisticians, teachers, graduate and undergraduate students in academia, industry, and regulatory agencies.
ABOUT THE AUTHOR

ENE I. ETTE, PhD, is a Fellow of the American Colleges of Clinical Pharmacy and Clinical Pharmacology. He is the President/CEO of Anoixis Corp. and was formerly the senior director and head of clinical pharmacology at Vertex Pharmaceuticals, Inc. He is also an adjunct professor of applied pharmaceutical sciences at the University of Rhode Island. Dr. Ette was a pioneer pharmacometric staff in the Office of Clinical Pharmacology and Biopharmaceutics at the Food and Drug Administration, where he developed the popular reference Guidance for Industry: Population Pharmacokinetics. From 1989 –2001, he was an FDA Consultant. In recognition of his contributions to clinical pharmacy and clinical pharmacology, Dr. Ette is the recipient of The American College of Clinical Pharmacy's Russell Miller Award. He is also the 2006 recipient of The American College of Clinical Pharmacy's Therapeutic Frontiers Lecture Award. Dr. Ette is chairman of the pharmacometrics panel of The Annals of Pharmacotherapy editorial board.

PAUL J. WILLIAMS, PharmD, is a Fellow of the American Colleges of Clinical Pharmacy and Clinical Pharmacology and Professor of Pharmaceutical Sciences and Pharmacy Practice at the Thomas J. Long School of Pharmacy and Health Sciences. Dr. Williams is the Vice President, Strategic Consulting, West Coast Operations in Anoixis Corp. and was formerly a partner at Trials by Design, LLC, a clinical consulting company, and member of the editorial board for The Annals of Pharmacotherapy. Dr. Williams is the 2006 winner of the University of the Pacific Faculty Research Award, the Long's Faculty Fellowship, and Teacher of the Year.

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