DESCRIPTION

This new edition overviews drug transporters and presents the principles of drug transport and associated techniques, featuring new chapters on multidrug and toxin extrusion proteins, placental transport, in silico approaches in drug discovery, and regulatory guidance for drug transport studies in drug development.

- Describes drug transporter families, mechanisms, and clinical implications along with experimental methods for studying and characterizing drug transporters
- Includes new chapters on multidrug and toxin extrusion proteins, placental transport and in silico approaches in drug discovery
- Has a new chapter covering regulatory guidance for the evaluation of drug transport in drug development with global criteria used for drug transporters in clinical trials
- Arranges material to go from fundamental mechanisms to clinical outcomes, making the book useful for novice and expert readers

ABOUT THE AUTHOR

Guofeng You is a Distinguished Professor of Pharmaceutics in the Ernest Mario School of Pharmacy at Rutgers University, USA. She has published numerous original research articles in the field of drug transport. She has been serving on several grant review
panels of the National Institutes of Health and is on the editorial boards of leading journals. She was the coeditor for the first edition of this book (Wiley, 2007).

**Marilyn E. Morris** is Professor in the Department of Pharmaceutical Sciences at the University at Buffalo, State University of New York. She is a Fellow of the American Association of Pharmaceutical Scientists (AAPS) and the American Association for the Advancement of Science (AAAS) and currently serves on the editorial boards of leading journals and was also co-editor for the first edition of this book (Wiley, 2007).

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