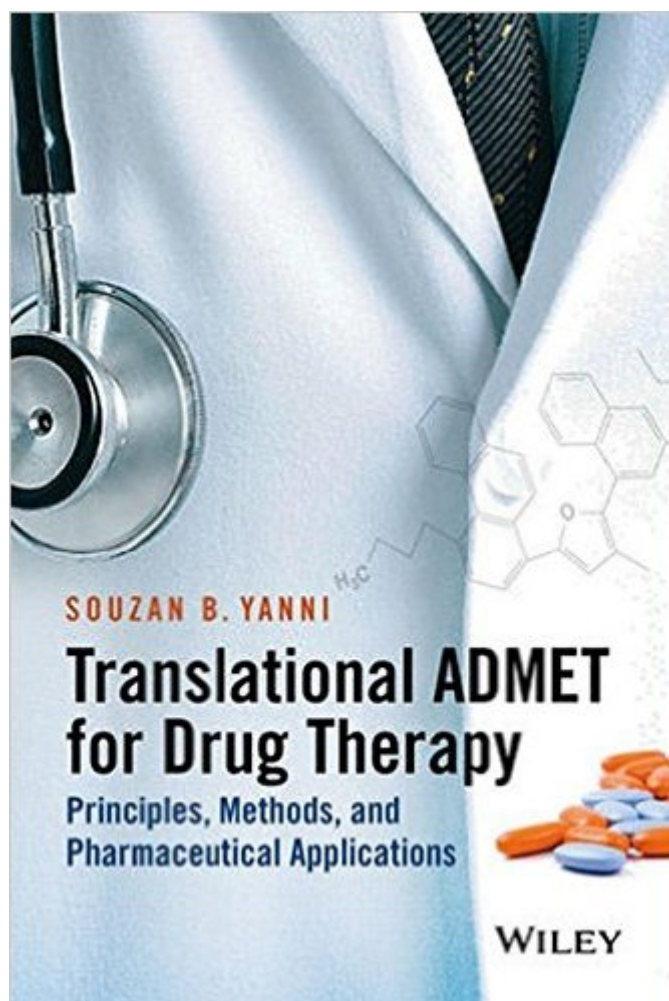


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Translational ADMET For Drug Therapy: Principles, Methods, And Pharmaceutical Applications



Synopsis

Serving as a practical handbook about ADMET for drug therapy, this book presents effective technologies, methods, applications, data interpretation, and decision-making tactics for pharmaceutical and preclinical scientists. Chapters cover case studies and in vivo, in vitro, and computational tools for drug discovery and development, with new translational approaches to clinical drug investigations in various human populations. Illustrates ADME properties, from bedside to bench and bench to bedside, for the design of safe and effective medicine in human populations. Provides examples that demonstrate the integration of in vitro, in vivo, and in silico data to address human PKPD and TKTD and help determine the proper therapeutic dosage. Presents successful tools for evaluating drugs and covers current translational ADMET with regulatory guidelines. Offers a hands-on manual for researchers and scientists to design and execute in vitro, in silico, preclinical, and clinical studies. Includes discussion of IND / NDA filing and drug labeling to support drug registration and approval.

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